COMING EVENTS

Treasure Coast, Vero Hamfest, Mar. 22 & 23
Stuart Hamfest, Mar. 29th.
Ft. Walton Beach Swapfest, Mar 22 & 23rd.
Florida QSO Party, May 17 & 18th.
Daytona Beach Funfest, May 31 & June 1st
National QCWA Convention, Orlando Nov. 1 & 2nd
Suncoast Convention, St. Petersburg Nov. 1 & 2nd
Broward Hamfest (Tentative) Oct. 25 & 26th.
----------1 9 8 1 ----------
Miami Hamboree, Jan. 25 & 26th.
Orlando Hamfest, Mar. 13, 14 & 15th
Treasure Coast Hamfest, Vero, Feb. 21 & 22nd.
We request you list your hamfest early as possible to avoid conflict and hard feelings. . . . . Editor

florida SKIP

NON-PROFIT CORPORATION

VOL. 23 NO. 10 THE ALL-FLORIDA AMATEUR RADIO AMATEUR'S PUBLICATION March 1980 Price 45c

The Miami Hamboree AMSAT booth was cared for mostly by Walt Dixon W4DWN and Dick Jansson, WD4FAB visiting from Maitland, Florida. Thanks gents, it was an excellent display. (Photo by WA4PDM)

F. C. C. ANSWER BOATERS

(Editors note: The following letter from FCC is in response to a letter written by Edward S. Lazowska WA4AIY and his wife, Genie N4ADA of Cocoa Beach. The letter by Ed to FCC asks for a "clarification on the type of license required for amateur radio operators transmitting from pleasure craft in the United States, international & foreign waters..." The following is a direct quote with full permission from Mr. Lazowska.)

Edward S. Lazowska, Esquire
172 Jamaica Drive
Cocoa Beach, Florida 32931

Dear Mr. Lazowska:

"Please accept my apology for my long delay in answering your letter of June 19, 1979. It was set aside in the rush of priority business, and I did not get back to it until today. Your letter requested clarification on the type of license required for amateur radio operators transmitting from pleasure craft in the United States, international and foreign waters.

"For the purpose of Amateur Radio operation, the ship is merely considered the platform of operations, and does not dictate in any way the country that the radio license must come from. This, of course, does not limit in any way the requirement that the ship's captain must agree to the use of the radio transmitter in question. What is of concern is that the operator have a valid license to operate that transmitter. Once licensed, an operator may legally communicate with other licensed operators.

" An Amateur radio operator within the territorial waters of the United States must have either a reciprocal permit or a United States Amateur license. A United States citizen must always have an FCC license to operate an Amateur radio station in the United States. The operator must abide by the legal restrictions of the host country in which he wishes to operate, in addition to the requirements of the country which issued his license.

"While in international waters, an Amateur radio operator may operate under any valid Amateur license regardless of the country of issuance.

"With respect to a foreign-licensed Amateur radio station being operated on board a United States vessel in International waters, you are advised that, if the Amateur radio station engaged in violative conduct, the licensing country would be notified so that appropriate remedial action could be taken.

"I am taking the liberty of sending a copy of your letter and this response to the American Radio Relay League, Inc. Thank you for your patience in waiting for this response. Sincerely yours

Norman B. Blumenthal
Assistant General Counsel, FCC"

Note: above letter was signed by Benjamin Perez for Norman B. Blumenthal. February 5, 1980. . .Please spread the word to all concerned persons. Thanks. A.C.

R2D2 LANDS IN POMPANO BEACH

ByR.W. Thwing, K4EDE

When the Gold Coast FM Association (GCFMA) decided to replace its aging 01/61 machine in PompanoBeach, a decision was made to upgrade to the latest technology.

The club enthusiastically backed Ron Eichholtz, WB4UFA, the trustee, in developing a microprocessor controlled repeater with many control functions. A central clock logic Intel 8085 with 4K of ROM memory provides:

Control of repeater
Control of UHF link
Autopatch
Automatic daily functional controls
Automatic 911 access during quiet hours
"Windbag" filter to prevent lengthy Q50's during mobile hours
Automatic reminder to re-key during autopatch

While control of the repeater by the control operators could be via radio using "touch tones"©, most control was via telephone.

QSY Pg. 20

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Enclosed is $4.00 for 1 year, $7.00 or 2 years, membership to Florida Skip.

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My CORRECT address is: Call _____

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City _____

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OM - nominate your XYL for our Skip DEAR MABLE AWARD! A most unusual award. Designed just for your XYL. $1.00 to members only. Give her full name, your call and mailing ddress.....Editor.

EX CALLS

Over the past 20 years, SKIP has published thousands of EX-CALLS. More than any other publication in the world. Many an ole friend has been reunited via this column. Have you sent in yours yet? ? Editor

K4EAQ	ex K9KHE, W5COX	KA4AYZ	ex ZF1WB
AA4Y	ex WD4BNH	W4OSG	ex WA4NKE
KB4ZK	ex KB6KV, WD6CKU	KB4PE	ex WD4KGQ
W4BMT	ex W2HTR, KZ5PC	K4KXC	ex W2YJE
WD4PGG	ex WA2KWJ	K4MAJ	ex WB4AIF
WD4RQK	ex WB2WFH	W5KDJ/4	ex TF2WJN

SILENT KEYS

We are deeply sorry to report the passing of the following amateurs. May they R. I. P.

K4LV	Jack Dubinsky	Ormond Beach
K4YC	Elmer Enke	Sarasota
K4AIZ	Frank Wise	Sarasota
W4BYD	Robert Burns	Miami
W4DCN	James M. Rider	Clewiston
WB4UFF	Eliot Brauer	Hollywood
N4CAY	C. W. Davis	Rockledge
WD4FEB	Don Soeder	Ft. Lauderdale
WA4MNX	Benjamin Symons	Hollywood
WD4NWF	Robert W. Taylor	Orlando

NOTICE TO ALL FLORIDA REPEATER TRUSTEES

An updated version of the Florida Repeater Florida SKIP Map is being planned. To insure accuracy and avoid omissions, your cooperation is requested. If you wish your repeater to be shown on the map, PLEASE furnish the frequency and location to Bill Tucker, W4FXE, 1965 S. Ocean Dr., Apt. 15-G, Hallandale, FL 33009 as soon as possible.

letters
to the editor

EDITOR FLORIDA SKIP:

I beleive that the attached letters are probably self-explanatory.

The F.C.C. letter renders authoritative rulings which will adequate publicity may end the harassment of maritime mobile amateurs with licenses issued by foreign countries, by self-appointed vigilantes of the amateur radio bands who are presently trying to enforce their own contrary views of the law.

Any such publicity you may be able to give will be appreciated by the substantial segment of the Florida Amateur fraternity which deals with maritime mobile stations.

Sinerely,
Edward S. Lazowska, WA4AIY
172 Jamaica Dr.,
Cocoa Beach, FL 32931

(Editors note: Thanks Ed and Genie for all your work done on this sticky subject. Your article FCC ANSWER BOATERS in this issue should pretty well nail it down...)

Editor:

Attached check for another renewal. It is certainly a pleasure to read FLORIDA SKIP, every month. I rush for it, like I did for QST, back in the '20s...when I would quickly hunt for "CALLS HEARD - DX". 40 meters then, was 1,000kc, from 7,000 to 8000 kHz ! ! Sometimes used AC, on the plate and held the key down, to make an "H"... Take care and keep up the good work with Florida skip. 73, Cy Connolly, W4DVO, Tampa, FL

(Editors note: Thanks Cy for note. See you on GN. AC)

Editor, FS:

Having read your article as to antenna Basics, page 16, Feb. SKIP, it appears that you have neglected to mention the good qualities of a Quad.

I have built all of my antennas, from dipoles to long wires, including mono beams and almost all types of antennas including UHF VHF and almost all possible radio frequency antenna. Your article is misleading and should include quads. My wife and I have talked all over the world from our quad, including Antarica and all of Oceanic, Japan etc.

The triband antenna that costs so much is a waste of money mono beams are excellent but lack gain. Please set the record straight, that there is no antenna that can perform like a quad. This is true for any frequency. I know, I tried them all ! !

73, Frank & Jude ZACOR, KA4AWG/KA4OUI.

Editor:

You might want to put this in SKIP. Position of TV channels (for TVI) and the S, C, & X bands, may be of interest.

All our noise about micro-miniaturization pales into insignificance when we look at the VISIBLE SPECTRUM and contemplate the mechanism of the eyes, their resolution and depth perception, color (frequency) discrimination, and the exquisite fibre optics cable to the brains video display with its "T-tap" RAM infinite memory bank! ! Not to mention an AGC logarithmic range incapable of achivement by anything yet devised by a mortal! ! 73 Edwin Stolzenberger
WB4ODL, Ft. Laud.

Dear Andy:

Am enclosing renewal. You might be interested to know all my equipment was stolen, night of Oct. 27th. My equipment was in a seperate building out in the back yard. It was a professional job ! They used glass cutters to remove the panes from two windows, then reached inside to unlock the windows. Have not replace, the equipment as it is possible I will be changing QTH before this year is out and if I do will notify SKIP of change of address.

They took everything except a Dummy load, 24-hour clock and rotor control. Also my wheel barrow which was near the window. They did leave the tower and beam and 40-80 meter doublets.

73,
Bill Houston, K4CK
Auburndale

Editor:

Am back in states now retired from PANAM and finaly settled in central Florida. Trying to get back on air, but need all equipment Afghan-Russian Govt. confiscated all of mine and refused to return upon my departure from "YA" land -- so thats the way the wind blows. Had a ball for 9 years using exclusive "YA" call. We had licensed hams from all parrts of the world stationed in Afghanistan from 2 to 4 year foreign assignments with US aid Embassy or other technical assignments. Operating under "YA" prefix.

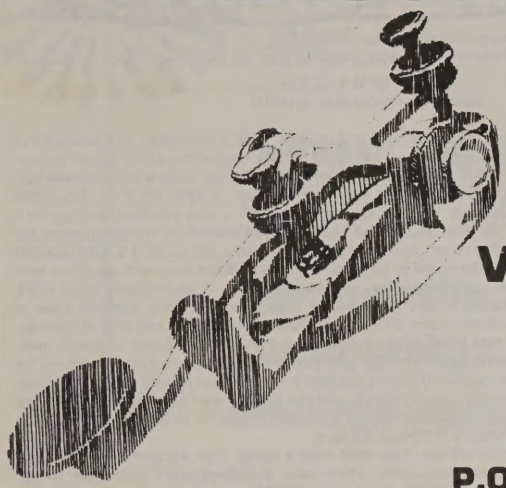
After the 3rd coup, which was Russian orientated all "YA" hams ordered off the air and all two-way radios confiscated! ! Since we all became international spies overnight and beaame enemies of the revolutionary government. Glad to be out & back in the good U.S.A.

73, Popco, W4GNT ex YA1GNT
Floral City, FL 32636

(Editors note: Looks like you just out in right time OM!)

EIGHTH ANNUAL

TREASURE COAST HAMFEST



presented by:

Vero Beach Amateur Radio Club
St. Lucie Repeater Association

MARCH 22 & 23, 1980

VERO BEACH COMMUNITY CENTER

Talk-In — 13/73 52/52 222.34/223.94

Fly-In — Vero Beach Municipal Airport
Contact — Tim Lydston - KB4IO for tickets and Swap Table information.
P.O. Box 3088, Beach Station, Vero Beach, Florida 32960

Donation: $3.00 Advance; $3.50 at Door, per Family Both Days.

Swap Tables — $10.00 for both days, limit 4 per person with advance payment.

PRIZES QCWA LUNCHEON — DRAWINGS — ARRL FORUMS
TAILGATER AREA - SWAP TABLES — DODGERS BASEBALL
Tailgater Area — $5.00 for both days per space.
Amateur Radio and related items only.

WHERE DID HALLICRAFTERS GO?

Even if you're brand new to ham radio you know the name. What ham hasn't seen an old Hallicrafters receiver at a flea market! But, whatever happened to the company — is the name Hallicrafters still in the field of electronics?

Bill Halligan, W9AC, began his company in 1933 — dedicated to the idea of producing high quality equipment for the radio amateur. Along came the WW-II years and a mighty effort by his company to keep up with the demands of the military for top-flight communicatons equipment. (If you're a ham of pre-TVI vintage you can really relate to that feeling of command when keying a surplus BC-610!)

Following the war there was an influx of imports; of admittedly lower price and quality — a market almost impossible to compete with in those days. During the 60's the company changed hands, going from Penn-Texas to Northrop, and thence to a subsidiary (Wilcox). During this period the amateur radio end of things received practically no attention (either in development or in inventory). In 1975, as a result of the burgeoning CB business, The Breaker Corporation purchased the name and civilian works. At about the time they were ready to go ahead with plans in the ham radio field, the bottom fell out of the CB market and there went the capital necessary for expansion.

In 1979, Clarence Long, a man with a real feeling for what the company name represented, purchased the name and few physical assets from Breaker. He moved the company to South Florida (Cutler Ridge), and while planning ahead for the amateur radio market, is currently directing major efforts in production and overseas sales of commercial lines. As this becomes more securely established, and as cash loosens up for inventory replenishment, plans will get underway for re-entry into the amateur radio field.

No, Bill Halligan, they haven't forgotten the name; nor the quality and integrity that Hallicrafters had — and will — represent in the wide world of amateur radio.

TO ALL FLORIDA TRAFFIC PEOPLE

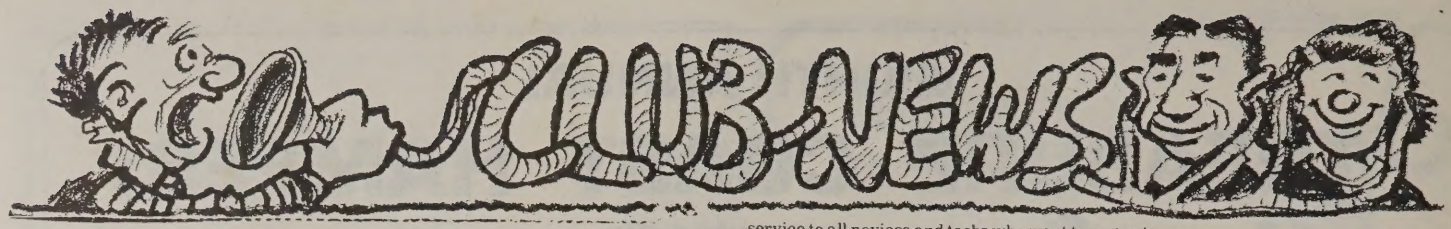
The item in last month's SKIP by ARRL official Huddleston (K4SCL), is in error!

The management of the Florida Midday Traffic Net (FMTN) **did not approach** N4WA with any proposal. Actually Walt approached N4UF abut a settlement which we appreciate as FMTN is always willing to listen. In FLORIDA SKIP, Feb., 1979, an article was published listing FMTNs idea of a fair compromise and this was the same position presented to Walt when he inquired. FMTN still feels that its members have the right to elect their own leadership and not have it dictated by ARRL. We think we are responsible enough to be trusted with that decision.

As for the charge that FMTN has spread lies, etc. . . . everything which I have written, seen, or read can be backed up with documentation. Can Huddleston back up what he says?

FMTN thanks the many Florida amateurs whohave rallied behind it and helped make December 1979 the biggest month ever in FMTN history and given it top average message per session total of any Florida net for the last 17 months running. During 1979, FMTN handled 76 percent of the 40-meter section level traffic and had 76 percent of the stations checking in while AFPN could manage only a 24 percent share. This despite the full support of the ARRL to AFPN and the double handling of traffic rerouted to AFPN from earlier nets where it used to go direct. In view of ARRL President Dannals' observations at Miami about complaints of too many nets serving no useful purpose . . . this needless tying up of frequencies by AFPN would seem not to be in our best interests. Yet, it persists sanctioned by our Florida ARRL leadership. With elections due in both North and South Florida, FMTN hopes each ARRL member will take a long, hard look at the candidates and remember who got us into this situation by attempting a power play on the FMTN members who have operated under their own leadership for the past 23 years.

Billy Williams, N4UF
Senior Asst. Mgr., FMTN



SPARC — METRO CLUBS
By Marie Adams, KA4BBB

Ed, K4DRN, president of SPARC, has appointed the following members as committee coordinators: John W4ACG, Welcoming; George K4TH, Investigating; Jack W4NOK, SPARC Gap Editor; Bill WD4AXC, Publicity; John, WD4COL, Programs; Rex, W4GPL and Woody, K4SCL, Emergency Coordinators. More appointments will be announced at a later date.

ARES 220 repeater is ready to be activated on 223.06/224.66. Only needs a nice, permanent home.

SPARC will provide communications for March of Dimes Walkathon on March 8.

George K4TH has been appointed So. Florida STM Congratulations, George, for Prime Time Job.

Rex is new EC for Pinellas County. Good luck, Rex, everyone backs you all the way and congrats.

The Suncoasters have again requested communications help for Festival of States Activities during April. About 70 amateurs, county-wide, will be required to cover the different events. Be prepared to enlist and have fun.

The auction at Feb. SPARC meeting was successfully conducted by Gene, WB4VWO. All had a good time.

Dick, WD4SCD will represent Metro Club as Dir. of Fla. Gulf Coast Amateur Radio Council, FGCARC, representing Bay Area local clubs, has announced dates of NOv. 1 and 2 for 1980 Hamfest to be held at Bay Front Concourse Hotel in St. Pete. Parking will present no problem and the hotel is accessible by plane, boat, land vehicles with one or many wheels, and feet.

Bob, WA4PGS, is demanding an immediate "Donut" audit since Tracy, WA4TGO is keeping (we hope) club refreshments at home.

Metro will provide communications for Gulf Coast Air Show sponsored by Gulf Coast Multiple Sclerosis Association on March 29 and 30 at St. Pete-Clearwater Airport. Contact Dick, WD4SCD, coordinator of Communications.

Virgil, W7KNN, will soon be leaving the area for Washington. We will all miss you Virgil, best of luck in new home.

Bill, WA4ESX, just returned from a pleasant trip to the Caribbean. Welcome back, Willie.

Happy St. Patrick's Day and Good Hamming. 73's & 88's.

SHARC TAILS
By Gary Gardner, N4AXN

Well, the Sky High Amateur Radio Club plows into 1980 with a drive never before experienced by the club. OUr new officers include:

President, Carl Taylor, WA4VRC; Vice President, Ed Koch, WA4WVY; and Sec./Treas., Don Lynn, W4SVS.

Activities planned, or that are in progress, include: a novice class at the Crystal River Middle School to begin in March; the completion of repairs on our 435' W4IIR repeater (146.355/.955) complete with autopatch capabilities; continued operation of WR4AQX (147.87/.27); and the planning for our field day activities, somewhere in the local area.

The W4IIR repeater was donated by Woody Zellers, W4IIR, and it will be the center of a Citrus County Emergency Net being organized by WD4PJS, Terry Nergaard.

Any amateur in the Citrus County area who would like to join us, give us a call on either repeater.

BROWARD AMATEUR RADIO CLUB
By Ruth Burg, KA4AEV

The Broward Amateur Radio Club was well represented at the Miami Hamfest by many of our members. After the closing of the fest, many B.A.R.C. members enjoyed a dinner-gathering at the 94th Arrow Squadron. All had a great time and we wish more members would join us at the after-function gatherings.

Congrats to both Scotti, WD4PWN; and Dave, N4CPT, on their upgrades to General Class.

It is with deep sorrow we note the passing of Don Soeder, WD4FEB. Don had been an active member of B.A.R.C. Don is survived by his wife, Betty, and three children. We share their loss.

The regular meeting of the B.A.R.C. is held the 2nd Friday of each month at 7:45 p.m. at Griffin Park, 2901 S.W. 52 Terr., Ft. Lauderdale. All amateurs are welcome. B.A.R.C. offers its members many activities in which to participate and enjoy amateur radio. Will you join us???

SCM CANDIDATE

Fred Marchman, AA4FG, of New Port Richey, has announced that he is a candidate for election to the position of Section Communications Manager of the Northern Florida ARRL Section for a two-year term, beginning July 1, 1980.

Fred is a well-known Florida amateur, having served as Northern Florida Section Emergency Coordinator (SEC) since July 1975. Prior to that time he served as Emergency Coordinator (EC) of Pasco County. He is active on the traffic nets, and has served as a volunteer instructor for the Gulf Coast Amateur Radio Club for the past fifteen years. He served as a school teacher and administrator in Pasco County from 1934 until his retirement in 1973, except for 4 years of military service in WWII. He and his wife, Marguerite, have two sons, Fred, Jr., and Dick, who is WA4KDL.

Fred is currently filling out the term of SCM which was held by Frank M. Butler, Jr., W4RH, who resigned to accept the position of Director of the ARRL Southeastern Division.

B.A.R.C. NEWS
By Ruth Burg, KA4AEV

SWAP NET: Time is 8:00 p.m. Monday night 146.31/91 WR4ADU repeater. Cy, W4MAQ, is net control. If you have anything to swap, trade, or give away, dealing with amateur radio, this is the place to meet. If you don't have anything to swap, check in to the net so Cy knows that you are out there listening and he isn't talking to himself.

CW NET: Held every Tuesday and Thursday at 8:00 p.m. on 146.52 simplex. A public service to all novices and techs who want to upgrade.

EMERGENCY NET: Held every Wednesday at 7:30 p.m. on 146.31/91. Check in, please

STATE QCWA NEWS
Edited by Eli Nannis, K4JMH

There was no news from our Texas office for January. QCWA members in Florida have been busy attending 3 conventions and getting fat at QCWA luncheons at each convention. I would suggest that the conventions be better spaced in the future. Check your convention dates with Andy at FLORIDA SKIP. If you don't have a copy of QST for Feb., I suggest that you beg, borrow or steal one. The Geneva story is well worth reading as it gives a complete account of WARC-79. The ARRL and IARU should indeed be complemented for the many yrs. of work on this project and the excellent results obtained. I would suggest that you write the League and thank them for a job well done. What do you think of the new method of issuing call letters? In my opinion, it is one big mess. It has caused more work for the FCC, call book confusion with the chance of many unused calls, greater ease of bootleg calls due to random issue, calls no longer indicate the district and loss of identity of old familiar calls. Have you tried to copy either on voice or CW some of these new-fangled calls under noisy conditions? The CB operations got out of hand and could not be corrected and now this crazy-quilt call letters system is in the same status. I just found out that the QCWA national convention in Orlando and the Clearwater Convention are being on the same date, Nov. 1 and 2. Enuf said. Cathy Soehl, W4BAV is looking for eligible women to join the Quarter Century Wireless Women.

GATOR CHAPTER: We started the year 1980 with a bang. Our January meeting was quite a blast with 96 persons in attendance. Three new members were welcomed in the chapter. They were Al Kuchare, W2EKO, D on King, W8GU, and James Gordon ,W4PTJ. Dave Davis, W4GQ, and Jerry Dunkleman, W2ACZ, were presented with 60 year certificates and Cappy Grigsby, AA4MF was presented with a 50 year certificate. Cappy is now using a Drake TR4 and Dave has a new 100 watt 2 meter amplifier. Russ, K4HI, had 5 active grandchildren to play with during the Christmas holidays.

None of our members cared for the sample QSL card which headquarters sent for comments. We suggest back to the drawing board for another card. The Board of Directors appointed George Rae, K4TH, to the office of Treasurer to complete the term of Rudy Nelson and Dave Davis was appointed as a Director to comlete the term of George Rae. Cappy, AA4MF and Jerry, W2ACZ, gave us a talk on their interesting highlights of their careers before retirement. At our next meeting on Feb. 2, we will have a speaker who is an expert on the construction of nuclear power plants. We invite all to attend this meeting. Interestng facts about our membership: 40 members have 50 year certificates; 7 members have 60 year certificates; 6 members have Century Club awards; and 6 members have Meritorious awards.

Reported by Eli Nannis, K4JMH

GATEWAY CHAPTER: The Gateway Chapter QCWA held its January meeting at Uncle John's Pancake House on the 19th. There were 12 members and 5 guests present. The following appointments for 1980 were as follows: Bob, W2KGI; NCS of the Chapter Net, Giff, W4HZ ANCS; Perry W4DRM, program chairman; Archie, K4BT; and Andy, W4HCY, executive committee; and Dick, WB1ELI liaison to Jacksonville hamfest committee. Bob, W2KGI gave net reports of activity of the chapter net. He has compiled a chapter history to be included in the chapter picture album. Little Bo, W4HRC, told of her visit to Blanche Randall and the Yankee Chapter QCWA. Andy, W4HCY, read a story to us about Nathan Stubblefield and the world's first radio-telephone transmission without wires in 1885. Andy also joined the chapter at the meeting.

Reported by Jim Dixon, W4JL

CITRUS CHAPTER: The Orlando Hamfest QCWA luncheon was held on Jan. 5 with 78 members and guests present. We were pleased to have 5 members from Canada and a few from the northern states and 10 Fla. chapters represented. The program material was the 1980 National QCWA Convention to be held in Orlando at the Howard Johnson Hotel Oct. 31, Nov. 1 and Nov. 2. Our Convention Chairman Chalmers Stromberg, W4WLX, gave us a complete rundown on the plans thus far for the convention. It is to be a prestigious event with tremendous publicity effort in all national radio, magazines, etc. Ray, K4KHP, and Nat, W4YSO, will aid Chalmers in promotion and public relations. QCWA members who have suggestions for a distinguished speaker are urged to contact Chalmers as soon as possible at 6412 Wynglow Lane, Orlando, FL 32808 or phone (305) 295-2150. There will be a meeting within the next 2 months with members of the Florida Council and representatives from each chapter to discuss convention matters and return this info to their chapters. CW men: don't forget the Florida QCWA CW net on Wed., at 1:30 p.m. on 7035. Carl, W4PEI, has been appointed Asst. Mgr. to take over when W4PI is involved with grandchildren.

Reported by Bill Waldo, W4PI

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147.75/15 **73.**

PALM BCH. CHAPTER: The Palm Beach and Sailfish chapters held a joint Christmas luncheon at the Palm Beach Sweden House. The tables were attractively decorated by some of our gals. Gifts were exchanged and a good time was had by all. The 1980 officers for our chapter are Fred Gildemeyer, W4CW Honorary President; Bill Phelan, W2AWA, President; Ed Koeper, W4ZQT, Vice President; and El Hermanson, W4CQL Secretary/Treasurer. Recently accepted new members are Manny Pappandreas, W4SS, Jack Wacher, W4OBA, and Jack Mathews, W4OWJ.

Reported by El Hermanson, W4CQL

SPACECOAST CHAPTER: The Jan. meeting of our chapter was held at Joy's Restaurant in Merritt Island on the 12th. 13 members and 11 guests were in attendance. The following visitors were introduced by Pres. Glenn Diggs, WB4FBQ; Les Myrick, W1PKV, Oneta Myrick, K1HCB, Phil Malmberg, W4NOO, Irv Lipton, K3DDV and Jean Lipton. It is gratifying to see so many wives attending our functions. Guy Blencoe, W4HVU, presented correspondence from one of our members, Worth Gruelle, W4ZG, was recently honored at a luncheon as the father of the month. Worth has been featuring the Raggedy Ann series on TV which his father originated. Guy also urged our chapter to enter in the QCWA party in Feb. and March. The new slate of officers which was elected were: Walt Todd, W4JXI, President; Walt Hicks, K4PQ, Vice President; Art Greene, K4DQC, Secretary and Alan Apple, K4ILX, was reelected for a third term as Treasurer. Our next meeting will be held in Titusville on the second Sat. in March.

Reported by Fritz Fredrickson, K4JFP

KEY WEST INSTALLS OFFICERS

The Key West Amateur Radio Club installed new officers for 1980 and made plans to provide communications for a 26-mile marathon race in Feb.

Taking office at the annual dinner meeting Jan. 20 were: WD4LND, president; WA4AIX, vice president; N3AWR, secretary; and WD4AMD, treasurer.

Serving with them on the executive committee will be WA4EFB, chairman; N4JQ, club station trustee; WA4CGQ, immediate past president; WB4LEB and K4URX.

WA8RFB was appointed chairman of the marathon race communications projects. K4VGD was presented with a certificate naming him "Honorary Radio Conch", in appreciation of his service as membership chairman. He plans to move to the mainland in Feb. A resolution expressing appreciation for work of WA4CGQ as president for the past two years was voted unanimously by the members.

SARASOTA AMATEUR RADIO ASSOCIATION
By Howard Millbourn, W4WBC

Now that the First Sarasota Hamfest is history the gang over here are sitting down and relaxing for a change. For those who were there there's not much to tell, but for those whou could have been and missed it, you made a mistake. It was a really big party meeting old friends and making new ones; the forums; the QCWA luncheon, the hourly prize drawings. Many of us came away with new equipment bought at bargain prices or some piece of used gear that we just couldn't pass up.

As for statistics, by closing time something approaching 2000 had passed through the Exhibition Hall portals. There were 22 commercial exhibitors with every kind and brand of new and used equipoment imaginable, most of which was bargain priced. Some 90 "swap tables" were loaded with everything even remotely connected with Ham radio. Both exhibitors and visitors were pleased with the uncramped quarters and layout.

Drawings were held hourly for a variety of "goodies" and at the end the Grand Prizes were awarded. First prize was a Kenwood TS-120, second, a Tempo S-1 Walkie Talkie, third, a $50 Mor-GAin antenna Certificate and finally, $50 cash.

To all who participated both exhibitors and visitors, the Sarasota Amateur Radio Association and the Sarasota Emergency Radio Association (repeater) express our sincere thank you for contributing to our BIG success, 73 and see you next year.

IRARC NEWS

The January Ladies NIght meeting washeld at the Musicana Music Lounge in Indian Harbor Beach. It was extremely well-attended with 83 people there who enjoyed the show and dinner. In fact, such a good time was had by all that it would seem that we forgot to elect the new slate of officers for this new year! This will be taken care of at the next meeting when we will elect WB4WYG Bill, Secretary; K4KNR Bill, Treasurer; George WD4OFC, Vice President. These three did such a good job last year that they are repeating in office. Carl, AA4MI willbe our new President. We wish them all well in their various offices.

A note on Carl — My XYL Yola and I sat across from Carl and his pretty XYL Barbara, at the shindig and he told me that shortly after the USSR invaded Afghanistan he worked an Afghanistan ham, which would make another NEWcountry for Carl, but alas, the ham told him that he could not QSL for the obvious reason. I was surprised when Carl said that he does his hamming with a trap vertical fastened to his dock, I had imagined a tall tower and large beams, because of the track record he has in getting those "rare" ones . . .

Ran across a Cocoa Beach ham the other day who was operating Bicycle Mobile. It was W4YWA. Dick of the BRA who has a Heath handheld 2 meter rig mounted in a bracket at the handle bars and a whip on the back fender. Now, if I only could get the kid with the skate board down the street interested in ham radio!

Gordon, KA4FFA, has recently become the proud owner of a Yaesu FT101ZD and 4-band trap vertical also on his dock. He is well on his way for the General or Advanced Team. Better watch out, Carl

73, Kneeland

DAYTONA BEACH A.R.A.
By Charlie Lent, WB4YPS

Sorry we missed last month's skip. DBARA wishes everyone the best for the 80's. Ken, WB4FKL set up H.F. station at REACT coffee break on I-95, Spruce Creek Rest Area. Assisting were Red, KB4SR, Dick, K2JXL, from Beacon, N.Y., and Charlie, WB4YPS. Sure would like to see more DBARA take part.

To all who would like to handle CW traffic, check in on DBTN 3940 KHZ Sunday Eve., 0300Z or 7:30 local time. WA4CRI, net mgr. with KB4T net control.

DBARA and DBRA have voted to merge the two clubs. Congratulations to the new slate of officers. Ken, WB4FKL was elected pres. for DBARA and Red, KB4SR pres. for DBRA. Phil, WD4OSS, is the new vice pres., Frank KB4T sec., Ray, KA3BGU, treas., and Gray, W4MGO director, Good luck, fellas in your year in office . . . we all know you will do a good job.

And many thanks to the outgoing slate of officers for their tireless efforts and FB jobs!

Congratulations Dept.: Frank, KB4T First Class Phone; Clyde, N4PL made BPL; Frank, WA4CRI for making BPL 12th time! (Takes a lot of traffic handling, Frank.)

Final comment: A QSL is really the final courtesy of a FB QSO. If you don't QSL, you don't receive any.

AMCOR RADIO CLUB
By Ray Burbank, KA4FGE

Now we've done it! Thanks to the Dade Radio Club, we (WB4QKZ and KA4FGE), were able to put on a 220 Forum during the Hamboree. There were 20 people therre, read about it in our 220 TEch Net article in Net News.

January's meeting was at N4BUG's. Preparations were made for the Hamboree. Ray and Bill will conduct a 220 Forum there. The 2M repeater in use has problems. Fortunately a group of individuals have, on their own, purchased a VHF Engineering Repeater Kit, and when built, will be available for the club's use sometime in February. The 220 repeater's delay is mostly due to back ordered parts. Its antenna sight wsill be in Hollywood near the coast and its call will be WB44QKZ/R since Bill has been doing a lot of work on this repeater. The UHF 440 repeater has been put aside until the others are up and running due to manpower available. By April of this year the club will file with the State of Florida to become incorporated. N4AIV worked 220 repeaters during his recent trip to Knoxville. The 223.34/224.94 i the Orlando area has great coverage. Also on the same split in Tampa there's a repeater that is good along with a 223.14/224.74 that seems better as reported by WB4DTC. KA4FGE has been working DX since upgrading, his first being JJ1KUV in Tokyo. Also working Maritime Mobile patches.

Congratulations to the Dade Radio Club for another great Tropical Hamboree. We thank you for letting us conduct the 220 MHz Forum. This is our second year and we certainly enjoy supporting your Hamboree. We'll be there again next year.

On Feb. 2 the club meeting will be held at KA4FGE's in North Lauderdale (722-1310). WB4DTC, Dave and WB4INA, Kiko have been invited to attend. Both being on 220, we're looking forward to linking up with them. By the way, we're now a member of the Florida Repeater Council and from discussions with the council it looks like 2M splits are about full in Florida, so 220 is logically the next band and its wide open and gives better coverage.

HARC NEWS
By Dick Totten, WA4CFA

The HARC Executive Board reports that at their last meeting they spent considerable time discussing plans to cope with the ever-growing energy problems and their effect on Amateur Radio. For example, it was decided that HARC would hold its Field Day at Larry Thompson Park, 20 miles round trip instead of 220 miles to Fiesta Key, which was our old FD site. Other club activities which require travel will also be subject to changes.

HARC is still hoping to meet our target date for getting the WB4TON repeater on the air but as yet it has not arrived from the manufacturer. We are also looking for ways to utilize it for something besides rag-chewing.

The Feb. HARC meeting consited of a field trip to the WPLG-TV transmitter site where the engineers on watch showed us what a million watts looked like and how they put those pretty color pictures on the air. We thank WPLG-TV and Bob Patten, N4BP, for arranging it.

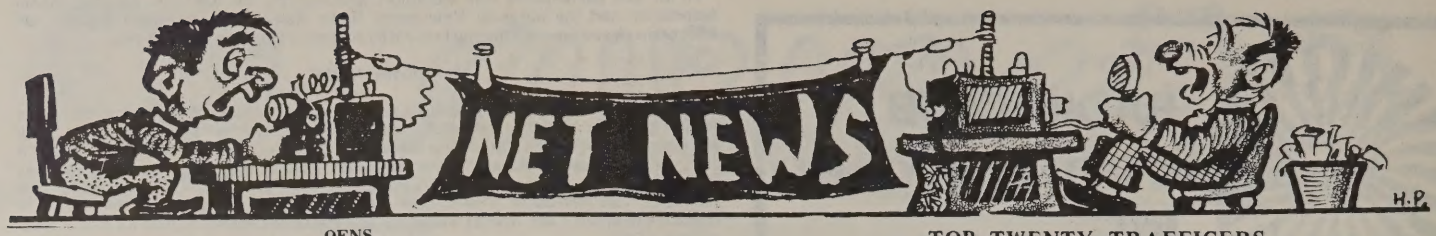
It is always sad to report a silent key and especially so when the ham is so young. Eliot Brauer, WB4UFF, was just 33 years old and a very active amateur. He will be missed.

Just about the time the TVI committee thinks it has things under control, somethings new crops up. We have reports that hams working 15 meters are causing TVI in homes with cable TV installations. Kappy, WA4WTG, reports that the third harmonic of 21 mhz which is 63 mhz, is just close enough to the 65 mhz carrier of the cable to cause problems.

GOLD COAST FM ASSOCIATION
By K4EDE

During the January meeting there were 28 new members elected to club membership. This brings the total membership to 330, all with dues paid!

Approval was given to WB4UFA to spend $150 to develop a second remote receiver and UHF link. This new system would eliminate the second squelch tail and incorporate several other improvements. It will replace the current system at Imperial Point Hospital and provide an extra system for location elsewhere. Ron tells us that he hopes to someday have access to the repeater from anywhere in Broward County with a handie talkie. Sounds good.



QFNS
By Dick Hill, WA4PFK

Total QNI and QTC down somewhat for Jan., but still a very good month for QFNS! We are please to welcome the following new stations:

N4BEY, KA4BNQ, WB4EKJ, WD4GRI , KA4LNA, KA4MBT, WD4RUL, and WA4TQS. We were also glad to have WD4KPG and WB4TZR QN1, Eric, WD4KPG, has work schedule that prevents many QNI and Dan, WB4TZR, has some antenna problems in that part of the band so QNI's are limited.

High QNI's were KA4FZI 26, WD4HIF 24, 3 stations had 22 QNI, KA4ASZ, KM4G, and WB4WYG, and KA4DYU 21. For a net that meets at 8 p.m. in the evening, that many stations with over 20 QNI's is great! Congrats to you all, both gals and guys!

Also, congratulations to our Monday night QFN Rep. George K4TH, he has been appointed section traffic mgr. for So. Florida.

Congrats to Paul, KA4DGH, who made general and also to Phil KA4FZI and Bill KA4GDV who were both appointed as OTS.

While net participaton has been good, it is particularly gratifying to have the new stations jumping in. Cleve KA4BNQ, sent his first QTC — FB Cleve! Also, WA4TQS, Steve took a message going into WPB. Thanks, Steve.

The net is doing just great. And the net is each of you. The responsibilities which you NCS's, QFN reps., and net stations are carrying out so well is much appreciated. Thanks!

WA4LGR and WA4LGT are back on the air with their Triton 540 — so QNI often!

Bill, KA4GDV, has been busy working with a home study electronics course which includes building an 80 meter transmitter, he also has been working with the OSCAR satellites recently.

Marv, KM4G, is still at IBM as a co-op student and should finish up the work for an electrical engineering degree from Florida Atlantic University in about a year.

Don't forget your SAR via QFNS at the end of the month.

The QFN bulletin which has not been published for quite some time, will commence publication in Feb. It will include the QFNS bulletin, so if you do not receive a copy please notify WA4PFK by radiogram!

QFNS meets on 3715 KHZ at 0100Z daily. Everybody is welcome. CU there.

NET ROSTER:
Sunday: NCS—KA4DGH; QFN—KM4G.
Monday: WA4GDV—K4TH.
Tuesday: W4YCL—WD4DNC.
Wednesday: WD4HIF—KM4Y.
Thursday: WA4PFK—KA4GDV.
Friday: KA4FZI—WA4EIC.
Saturday: KM4G—KA4FZI.

220 TECH NET
By Ray Burbank, KA4FGE

The 220 Tech Net should be getting busy due to our promotion of 220 at the Tropical Hamboree. WB4INA, Kiko and his friend Carlos have rigs as do WB4KKG, WA4QQR, WB4QKZ, WA4QKN, K4HIR, KA4IWR, W9BFN, WB4DTC, N4AIV, KA4FGE . . . to name a few in this area. About 20 hams were at the "Stepping Up to 220" Forum at the hamboree, where we promoted 220 & the Tech Net. Last month's activity was always the same 3 or 4 people, but now after the forum, we expect a lot more activity. Our AMCOR Repeater, WB4QKZ/R (222.62/224.22) should be on the air soon, as will Kiko's WB4INA (222.9/224.5) in Miami. Possibly this net or others will be held on these repeaters?

Remember, this net begins with check-ins at 8:30 p.m., Thursday nights on 223.5 MHZ, simplex. If you're not receiving anyone, QRZ Net Control and you'll probably pick up a relay station. By the way, the "Clearwater Amateur Radio Society", according to the ARRL Net Directory, runs a 220 net on the 223.34/224.94 machine on Mon., Wed., and Fri. nights at 8 p.m. Ibelieve Al Friend, W4CF, our Florida Repeater Council's Freq. Coordinator monitors this 220 repeater over there.

Come on up to 220. There is less noise on the band and distances attained with the same power and antenna gain are better than 2 meters. Plus, we're getting set up to offer you information on clean, inexpensive transverter you build. We're sure you'll be pleased if you come on up. 73s and hope to talk with you Thurs. nights, 8:30 p.m. on 223.5 simplex.

FLORIDA PHONE TRAFFIC NET
By Bill, WB4WYG

Wow! Two hamfests in one month. Survived the cold at Orlando and had a luncheon with the FPTN gang at Ho Jo's. Went to Miami and saw the goodies and many of the FPTN attended the forums. Had a chance to let ARRL Comm. Dept. know how traffic handlers felt about the new CD-3.

John, W4KMN, is feeling better and comes into the net as he feels able. Sure was good to hear his familiar voice. Very recently Geo. WA4NBE came in and said hello, so his antennas are up, but the doctor is still curtailing his ham activities.

Net figures are holding good. 19 percent of the roster is checking in 100 percent: These faithful regulars are W4DDW, WA4EYU, W4FOE, W4IAD, WA4IWW, WA4JDH, WB4PIB, WB4TZR and K4BLM. Overall, 41 percent of the roster checking in 80 percent or better. Very well done, and thanks to those who make the FPTN the great net it is. Two net control stations WB4TZR and WB4MPJ were NCS seven times during Jan. This sure helped the net fulfill its obligations and took the load off the net manager. Thanks again gentlemen, for your conscientious work.

Jim, KB4OW, has been writing this column, but due to increased pressure of business he has had to have some relief. Many thanks Jim, for the smooth copy you have released to this effort. It's a hard act to follow, but will give it my best.

Miss Evelyn, W4WYR, is a member of this net and we wish her the best as Vice Director.

Join the gang — start your Ham Radio Day the FPTN way.

FLORIDA REPEATER COUNCIL NET
By W4CF

In an effort to more closely coordinate the activities of the Florida Repeater Council and to disseminate information among the membership, the Council holds weekly repeater information net.

The net meets each Sunday morning at 10:30 a.m. on 7247 KHz. We welcome all amateurs desiring information on the repeaters in Florida or having business to be brought before the Council.

TOP TWENTY TRAFFICERS
By K4SCL & W4RH

1.	W3CUL	3802	11.	WB4WYG	253
2.	W3VR	812	12.	WD4HXS	189
3.	W4MEE	689	13.	N4WA	187
4.	K4TH	555	14.	WB4FVV	176
5.	K4SCL	526	15.	W4LX	175
6.	WA4PFK	421	16.	WA4EIC	168
7.	WD4HIF	394	17.	AA4FG	163
8.	N4PL	390	18.	WB4PIB	159
9.	WD4IIO	312	19.	WD4DNC	148
10.	WD4COL	263	20.	WB4TZR	134

TRAFFIC HOUNDS
By K4SCL

NET	QNI	AVG.	QTC	AVG.	SESSIONS	MGR.
FAST	1001	16.4	677	11.1	61	WD4ISN
FMTN	1254	46.4	489	18.1	27	WB4AID
FPTN	937	30.2	452	14.6	31	WB4WYG
GN	314	10.1	350	11.2	31	W4MEE
TPTN	702	22.6	261	8.4	31	WD4HXS
AFPN	394	12.7	207	6.7	31	W4IRA
NFPN	1445	46.6	202	6.5	31	WD4PDK
SWFTN	651	24.1	151	5.6	27	WA4HXU
QFNS	380	12.3	133	4.3	31	WA4PFK
FPON	803	25.9	128	4.1	31	WB4GCK
VEN	470	15.1	98.	3.2	31	WA4CRI
SPARC	1162	37.4	78	2.5	31	K5IHH
PBTN	404	18.4	26	1.2	22	WB4NJU
DBTN	19	6.3	18	6.0	3	WA4CRI
DEN	129	25.8	15	3.0	5	WD4JKM
MEN	198	39.6	15	3.0	5	WB4PIB
PEN	165	18.3	6	0.7	9	K4SCL
AFEN	98	24.5	0	0.0	4	WD4KPG
AIN	27	13.5	0	0.0	2	W4WYR

FLORIDA MIDDAY TRAFFIC NET
By Al Suhr, WB4AID

During January, FMTN achieved the following results in public service: operated 6 days a week for 27 sessions, Monday through Friday; stations attending total 1254, average of 46.44 per session; formal traffic was 489 pieces, average per session was 18.11, average time required to handle each piece was 2.32 minutes. FMTN arranged 160 informal contacts. Most of all, everyone had an opportunity to operate for his or her own purpose, the hobby. Duke Dent, AF4R, FMTN Asst. Mgr., Special Sessions, plans to refine FMTN emergency preparedness with several limited operations in the near future. This public service proved to be very important durng Hurricane David when FMTN went to "around-the-clock" operation for some 55 hours.

YOu will note, from your daily attendance on FMTN, that we have several new net control stations: WA4RUS, Elaine of Jacksonville, and KA4BRW, Don of Lake Panasoffkee. Both have received training from FMTN staff and are now "on-their-own" and doing a very creditable job. The Saturday net control station is K4BZS, Kenny Farwell of Live Oak, who also received training — more like a refresher course, he was already 'educated' — HI! Did you hear John, WD4MSU, of Orlando, acts as NCS during the Orlando Hamcation while we were at the Hamcation? No? Well, I understand he really did a nice job. We thank all of these new entries on NCS staff andknow you'll support them.

G A T O R N E T
By Doug Ryan, W4MEE

Gator Net welcomes all traffic handlers. We need them all, especially on CW. Come one come all! ! Gator Net has some of the best CW operators in amateur radio. W3CUL, of course the biggest traffic handler of all times!! Glad to have you and Al in Florida Mae. WA4JDH undoubtedly one of the best bug men around. W4DVO ex-SCM Florida section, Don N4ET, editor of QFN BULLETIN, and Andy W4IYT, Editor/Publisher of Florida SKIP. WA4JDH, STM of Alabama, K4TH, STM South Florida, W3QQ STM Delaware to name a few.

W4LDM is out of action for awhile in Orlando Hospital. We hope he gets back soon. We expect the QFN Bulletin to be printed this month, so am leaving out any net statistics. No word as yet from IJ, WA4SCK of Vero Beach or Ham, K4SJH. Ham is still bowling and was past SCM of So. Fla.

W4MEE would like to take this space to answer K4SCL's open letter to Florida Trafficers. I think all this to do about nothing only serves to drive amateurs away from traffic handling and the ARRL. We hear only 38% of amateurs belong to ARRL. Maybe this is one reason why. It seems to us that elected net

COPY TO Pg. 17

NAVY MARINE CORPS MARS NO. FLA.

By Jim Robinson, NNN0VYI/WB4RIS

There is a new net in operation in the Jacksonville area, 2B3B. It is on 148.410 MHZ simplex. The net meets daily at 0100Z. YTD is net manager. All hands are invited to check in.

Arnold, BEJ, is in the hospital again.

Win, AAF, has been getting some help with the RTTY traffic from IGW and IZK. After all the years of doing all the work, it's good to see Win get some help.

The Jacksonville ART has a very portable HF rig and from the tests that have been run on it so far, it is a dandy. It's a 100 watt rig that can be back-packed.

All area ARTs are reminded that they should check out their gear. Once a month is the word from GAJ-2.

George, VYH, has been keeping contact with his son YYD via the Afloat program.

QQX, Butch, is trying out a new 4 el 2 meter quad and so far it's doing a good job. It is very lightweight and small. If you are interested in one, contact QQX or any of the Jax members and you will be given all the info.

QQZ, has completed his training and has dropped the "T". Congratulations Walt.Walt is a fine CW operator and is one of the NECOS on the Fla. CW net. Keep up the fine work, Walt.

THE IMPORTANCE OF BEING NEGATIVE

By Dick AA4RP

We were asked to tell a committee of the Orlando Chamber of Commerce abut Army MARS and what it accomplishes. Figuring that talking about Army MARS would be exactly one third as effective as talking abut MARS, I kicked the idea around with Herb Haring NN0ADD, Area Coordinator for North Florida Navy MARS, and John Lenkerd AFA2UW, Assistant State Director Airforce MARS, trying to answer the question, "How can we show the importance of MARS to the country, in terms of the interests of **this** audience?" Since it's well-known that C. ofC. people are generally conservative politically, and are as much in favor of passing new spending legislation as a capacitor is in favor of passing D.C., the work MARS does was translated into rough dollar-equivalents.

Take all the MARSGRAMS sent in a year and multiply that figure by $3.00. Take all the phone-patches and multiply that figure by $30.00. Figure out how much you'd have to tax the American people to replace MARS with commercial services, if the Amateurs comprising Army, Navy, and Air Force MARS stopped volunteering their time and expertise. Or what you'd have to spend to compensate for the morale-drop in the Armed Services, if you simply cut back on available communication between service personnel and civilians and let loneliness climb along with drug-abuse and alcoholism. Present these estimates to folks who take pride in being both patriots and hard-headed businessmen.

This is what insurance people call "negative selling." ("What would happen to your loved ones tomorrow if you were killed in a traffic accident and you **didn't** have this policy? What would it cost **them**?", etc.) And, folks, you can say all you want about the importance of sounding positive in this world, but I can tell you for sure that, with the proper audience, negative selling **sells.** You should have heard the applause. After all it was meant for you whose accomplishments created the statistics they applauded . . . or am I beginning to sound too positive?

USAF FLORIDA MARS

By Philip A. McMasters W4BCZ/AFF2P
Region 2 Public Affairs Manager

Both the Orlando HAMCATION and the Miami HAMBOREE meetings were well-attended. Mike Green, our hard-working SMD, did a fine job of answering the questions, where HQ had given him the information, at Orlando. The boys in Dade County, with some cooperation from Homestead AFB, had a fine booth and a special call issued for the Hamboree, AGA2AL. Headquarters sent a representative from SCOTT AFB to the meeting, so Mike could pass some of the problems directly to the place where they could be handled. Because some did not have any answers yet, we can't print the dope here yet.

QSY pg. 12

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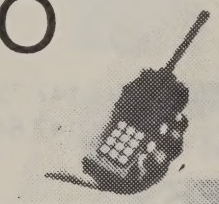
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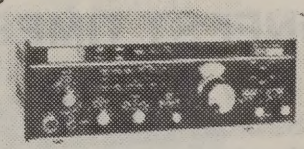
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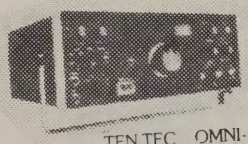
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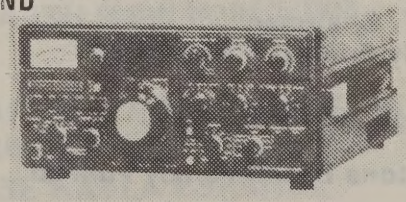
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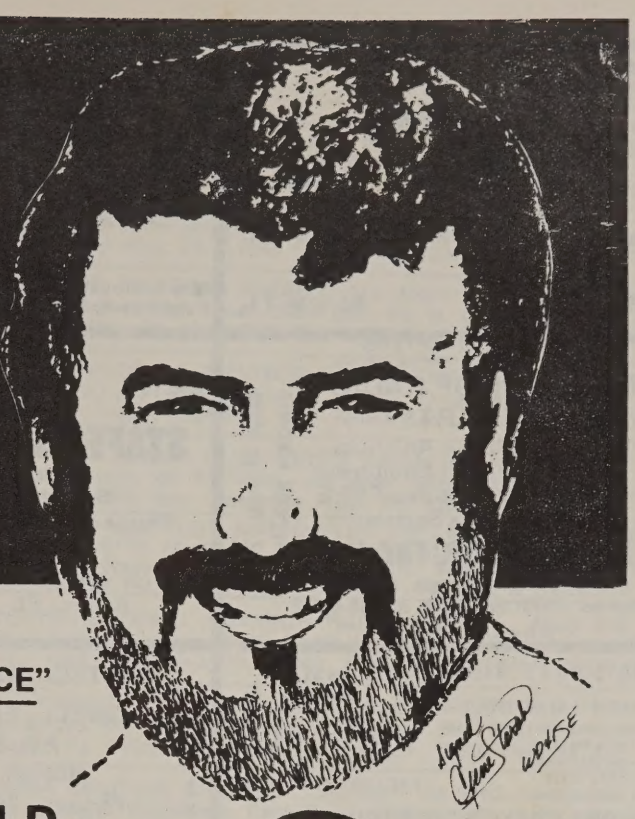

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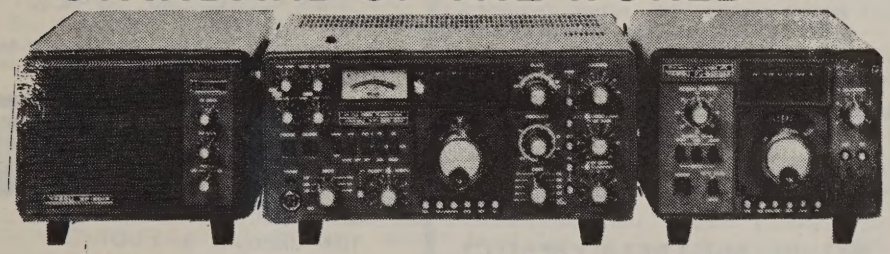

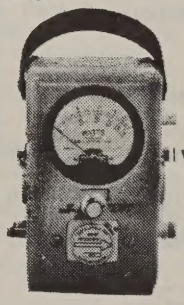

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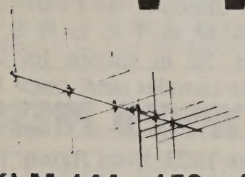

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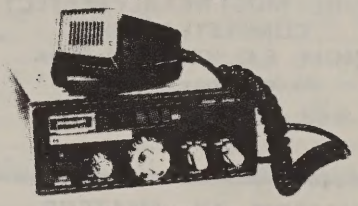

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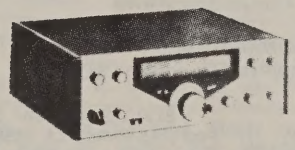

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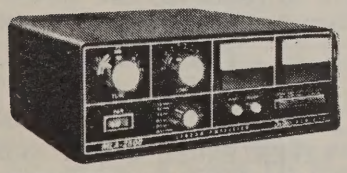

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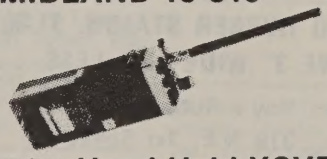

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BRANDON AMATEUR RADIO SOCIETY, WB4BIM meets 3rd Thurs. 730 p.m. at Sunshine Federal S&L. WB4GIM/RPT 147.165/.765, weekly net Mondays 8 p.m. More info on BARS call 677-2852.

BREVARD REPEATER ASSN. Inc. WR4AFI, 28-88, Cocoa. 146.43/147.03 Cocoa Beach. Meets 1st Mon. 1930E 1st Nat. Bank, Merritt Isl. SR3 & 520. Mail: 1003 Woodsmere Pkwy, Rockledge, FL 32955.

BROWARD AMATEUR RADIO CLUB, Inc. W4AB, WR4ADU 146.31-.91. 2nd Fri. ea month 7:45PM, Griffin Pk, 2901 SW 52nd St. Ft. Lauderdale. Mail: Ken & Ruth Burg KA4AES-AEV Co.Sectry, 2611 SW 58 Manor, Ft. Lauderdale. FL 33316 966-1880.

BUENAS NOCHES AMERICA NET. Good Evening America Net. Bilingual traffic net. Monday thru Fridays on 14310 kHz., 9 Pm to 10 PM. We handle all So. and Cen. America traffic. Welcome.

LAKE AMATEUR RADIO ASSN., Inc. K4FC meets 1st & 3rd Thurs 8 PM, clubhouse Springdale Ave. Bassville Park. Mail: c/o J. Tolliver KA4HDH, 1310 W. No. Blvd. Leesburg, FL 32748 753-4585.

CLEARWATER AMATEUR RADIO SOCIETY, WB4BZF. Meet 2nd & 4th Fri. at 730 p.m. Upper Pinellas County Red Cross, 624 Court St., Clearwater, FL Mail: Box 6473, Clearwater, FL 33518

DADE RADIO CLUB, Inc. W4NVU. Meets 1st & 3rd Tues. Museum of Science, 8 p.m., 3280 S. Miami Ave., Miami. Mail: P. O. Box 350045, Riverside Station, Miami, FL 33135.

EVERGLADES AMATEUR RADIO CLUB, W4SVI. Meets 2nd Fri. each month 8 p.m. at Dade County Agricultural Bldg., 18710 SW 288th St., Biscayne Dr., at Redland Rd., Homestead, FL 33030.

FELLOWSHIP F.M. CLUB, Inc. AF4S/RPT, 147.81/147.21. Meets 3rd Tues. each month, 18301 Bisc. Blvd. (Ist Fed.S&L Bldg. Mail: P. O. Box 680284, Miami, FL 33168. All welcome.

FLORIDA GULF COAST AMATEUR RADIO COUNCIL, Inc. P.O. Box 157, Clearwater, FL 33517.

FLORIDA REPEATER COUNCIL. Pres. K4BZS, VP WA4KKY, Tres. K4KE Sec. K5FOG, Freq Coordinator, Al Friend W4CF, 631 Lake Meggorie Blvd., St. Petersburg 33705 phone 813-866-2091 before 10p.

FLORIDORA YL'S, W4FE. Pres. Sara Clements WD4EWD, 5401 Ashmeade Rd., Orlando, FL 32810. All Fla. YLs & XYLs invited to join. Net ea. Tues 9 a.m. 3933KHz. (See box ad for details.)

FORT MYERS AMATEUR RADIO CLUB'. Meets 1st Wed. each month 730 p.m., Ist Fed. & Savings 121 Pomdella Rd. SR78A, No. Ft Myers. Mail Cash Luzny W4MPV, 4286 St. Clair Ave. F.M.33903.

GOLD COAST FM ASSN. Inc. Box 313, Boca Raton, FL 33432. Emgcy net Thurs. 730p.m. WR4ACV, 146.22/82. Traders Net 8.p.m. WB4UFA/RPT. Meets 4th Mon 730p.m. Imperial Pt. Hosp. Med. Ctr. 6401 N. Federal Hwy.,, Ft. Lauderdale, FL. ALL WELCOME! !

GULF COAST AMATEUR RADIO CLUB Meets 3rd Thurs 730pm at SW Pasco Fire Dept. Hwy 595, Holiday, E. of US19. Repeater team meets 1st Mon. 8pm at Clearwater Fed S&L Bank, Southgate shopping Center, New Port Richey.Mail Box 595, N.P.R.33552

HILLSBOROUGH AMATEUR RADIO SOCIETY, Inc. WA4GJJ, Meet 4th Wed., 730 p.m. Pan AM Bank Bldg, Sulfur Springs,. Mail: P.O. Box 271003, Tampa, FL 33688 Phone 813-886-2666.

HOLLYWOOD AMATEUR RADIO CLUB. Meet 3rd Mon. 730 p.m. Washington Fed. S&L Bldg. Rm. AB450 N. Park Rd. Hollywood. Mail: Box 6306, Hollywood, FL 33021. WB4TON. Visitors welcome.

INDIAN RIVER AMATEUR RADIO CLUB. W4NLX. Meets 4th Tues. Ist National Bank, Merritt Isl. 730 p.m. Mail: Box 5, Cocoa, FL 32922.

JACKSONVILLE RANGE ASSN. K4YLX/RPT 146.16/76 & 146.28/88. Meets Ist Tues. 730 p.m. Rm. 114, Jacksonville Univ. Mail P.O. Box 10623, Jacksonville, FL 32207. Bring a friend! !

KEY WEST AMATEUR RADIO CLUB. W4LLO/R 146.34/94.Meet 8p.m. 2nd Tues. Sportsman Inn, No. Roosevelt Blvd. Mail: Box 2371, Key West, FL 33040 Phone 296-2723. Most southern RC.

MANATEE AMATEUR RADIO CLUB. Meets 4th Mon. 7:30 p.m. each month at Red Cross, 2905 59th St. W. Club call K4GG memory Earl Dannals. Mail: P.O. Box 9485, Bradenton, FL 33506

NORTH FLORIDA AMATEUR RADIO SOCIETY, W4IZ. Meet 2nd Thurs. 730 p.m. Ist Presbyterian Church, Ocean & Monroe St. Jax. Mail: Ed Palagyi WB4QVK, 176 Tallulah Ave., Jacksonville 32208.

OLD OLD TIMERS CLUB (OOTC) Florida chapter. Net meets ea. Sunday 2 p.m. on 7247kHz. Info from: Herb Spitz, WA4UOE, 340 S.W. 64th Way, Pembroke Pines, FL 33023.

ORLANDO AMATEUR RADIO CLUB W4PLB 146.22/82 & WR4-AFO 146.16/76. Meets 3rd Wed. ea. month 1st FED S&L community Rm., Edgewater Dr. 730PM. Info: C.E. Showalter, W4UJL 305-898-1027 or PO Box 7367, Orlando, FL 32854. All Welcome.

PLATINUM COAST AMATEUR RADIO SOCIETY. Meet 2nd. Mon. ea. month. Red Cross Bldg., 1150 S. Hickory St. Melbourne: Mail Box 1004, Melbourne, FL 32901. Repeater: WR4AMJ 146.25/85.

PLAYGROUND AMATEUR RADIO CLUB. W4ZBB. Meet 730 p.m. Ist & 3rd Thur. WR4ABZ 146.19/79. Mail: Box 873, Ft. Walton Beach, FL 32548. SWAPFEST Mar. 22-23, 1980. Plan on it.

QCWA CALOOSA CHAPTER. Luncheons last Wed. ea. month 1130 a.m. Twistys Restaurant, Cape Coral. Left at light at W. end Cape Coral bridge. Info: D. Bowman, W4OUU, 5317 Colonade Ct., Cape Coral, FL 33904 Phone 813-542-4656.

QCWA CENTRAL FLORIDA CHAPTER meets 2nd Sat. Noon, Sept. thru May at Hilton Inn, Intersection I-4 & US 95 in Lakeland. Net 10 a.m. 7230. More info: Bob Webb W4NY Pres. 813-858-2431.

QCWA CITRUS CHAPTER Meet 3rd Sat., Sweden House, Lee Road, Winter Park 11:30 A.M. Ofcrs 79-80: Chrmn G3DKS/W4, C. Street; V. Chrmn, W4NKJ, J. Walcott, Sec/Tres. W4AJX, R. Ragsdale, Cor./Sec. W4HXP, E. Sailor. Join us please!

QCWA EVERGLADES CHAPTER. Meet last Sat. Sept. thru April Sweden House, 5550 N. Fed. Hwy., Ft. Lauderdale. Info see Skip news or call Roy McCarty W9KA, 305-731-4145.

QCWA GATEWAY CHAPTER. Net Sat. 11AM 7230. Luncheons 3rd Sat. Uncle Johns Pancake House, Bch Blvd., Jax. Pres. K4SP, VP/NCS W2KGI, Info: J. Dixon W4JL, 39 E. 59th St., Jax 32208.

QCWA GATOR CHAPTER. Tampa Bay area. Meets 1st Sat. Noon sweden House, Clearwater, Hwy 60, Gulf-to-Bay. Weekly net Sat 9:30 a.m. 3920. Eli Nannis K4JMH, 14996 Imperial Pt. Dr. N. Largo, FL 33540.

QCWA SOUTHEAST CHAPTER. Meet 3rd Sat. of odd numbered months, Noon, Chateau Bleu Inn, 1111 Ponce de Leon, Coral Gables. Visitors welcome. Net, 28950, 730p.m. Thursday.

QCWA SUNCOAST CHAPTER. From Tampa So. to Marco Isl. Meet at Daveys Locker Room of Windjammer Rest. 7100 S. Trail US 41 1st Wed ea. mo. Oct. Thru May. Info: W. Blaksee 953-7616.

QCWA SWANNEE CHAPTER. Net Sat. 3940, 9AM. Pres. C. Coleman K4WJ, VP E. Cain WILFE, Sec/Tres. H. Carpenter K4JTJ, 815 Hemlock St., Inverness, FL 32650 Phone 904-726-7497.

QCWA TREASURE COAST CHAPTER. Chmn I. Roach K4QM, Sec. Tres. G. Russell K4KWV. Lunch 2nd Thurs at Sheraton Regency, No. A1A, Vero Beach. Mail: Box 3088, Vero Beach, FL 32960.

Skip to page 14

MARS....FM Pg. 7

(Someone always causes PROBLEMS if MURPHY is not around to use his law.) This time it is the matter of the PENALTY INDICIA LABEL AND ENVELOPE. Some one put one on a package to HEATHKIT that got returned to Headquarters. This is not a proper OFFICIAL BUSINESS use. They are supplied to our membership for the purpose of delivering messages received, when the message cannot be telephoned as a local call. Now you must keep a record of all the envelopes you use and send a report to the SMD each month, so that a better handle can be kept on the AIR FORCE postage cost. This money comes out of the appropriation — POST OFFICE does not handle it for free. NUFF SED.

NAVY/MARINE CORPS MARS-SO. FLA.
By Jim Wilson, NNNOWCK/W4GDK

Down at the Miami Hamboree Jan. 27, we had a very good N/M meeting, with 22 members attending. Harry Ide, GAL, brought out many of the latest developments in So. Fla. activities and elsewhere in Region Two. He surely keeps "a weather ear open" After the preliminary announcements, Harry invited each one present to add his comments and suggestions.

On Saturday, April 19, we plan to have another of our annual "get togethers" with our buddies from all over So. Fla. We go to Sebring because it quite centrally located and accessible from both sides of the state. More details will follow, but plan a carpool to save gas Director Red Bowers hopes to be there.

Frank Holt, YBU, of Miami, is quite active on the Navy Afloat program. For some ships he has run dozens of patches. Recently one of them came into port in Ft. Lauderdale, called him up and invited Frank and his wife to come tour the ship. They found this to be very pleasant and as he was leaving, one of the officers gave Frank a nice golfing cap with the ship's name on it in gold letters. From other grateful ships he gets large pictures, plaques and other mementoes which he had there to show us.

Bob Van Buskirk, XPR, is also doing a fine job on the Afloat program but because he is a busy contractor, he does not have as much time during the day.

We are glad to hear Phil ZML, Tarpon Springs, Mercy PXO, Miami, and Erv ZMM, of Canal Point, busy on our nets. YZK of Naples is busy every night taking participation reports from everyone. RTTY traffic coming into So. Fla., is picked up at present by YDO, BBS, BES, and IVZ. They then distribute it on our regular traffic nets. On our 9 PM net if we run out of time and there are some Marsgrams left over for the S.E. coast area, we save them and at 9:30 put them on our VHF repeater, which covers 50 mi. easily.

NAVY/MARINE CORPS MARS NO. FLA.
By Jim Robinson, NNN0VYI WB4RIS

There is a new ARL numbered radiogram list out. It went into effect on Jan. 1. Let's hope that all stations have received the new list. If you did not, please contact ADD.

Woody, IGW is now "Asst. for VHF Repeaters" for the area. Good luck with this, Woody.

There are four repeaters planned to link Orlando and Jax. If you can help in any way, please contact IGW

Congratulations to Dan, YTD, on earning NMO-3. Dan is a NECOS on the 2nd region net as well as the Fla. CW net. Keep up the good work, Dan.

Les, RIR, is home from the hospital and doing very well.

New members for the N. Fla area are: NNN0YFT-T Lonnie Roberts, Jax. NNN0YFU-T Ronald Garrett, Jax and NNN0YFV-T Fred Hening, Woodville. Welcome aboard the area

All ssb nets are now operating on upper sideband. The switch went very smooth throughout the 2nd region.

The Orlando meeting was well attended by both North and South Fla. NNN0KAN ASC6 Ralph Lockhart, gave an interesting talk on some of the problems of keeping people on the right freq

NNN0CAS, Bob Roscoe, speaking for South Fla. did his usual fine job of representing his area. NNN0ERM ASC4 "JP", Asst for Training, was present and his talk was very well received.

QSY FM Pg. 5

The annual Heart Run will be held on March 29 (?), 1980, and the G.C.F.M.A. has again been asked for volunteers. This year it will be an extra big affair with about 5000 runners, including some well nown persons. Contact W4BUG, Chuck, and volunteer yourself and or your handie talkie.

FLORIDORA YLS
By Cathy Soehl, W4BAV ARNS

Floridoras did very well with their gift table at the Orlando Hamfest and signed up 2 new members. Welcome to KA4KZU, Nancy Gilbreath and KA4LSI, Leonore Leavitt. WB4NYN, Micky visited W4BAV, Cathy, to attend the Sarasota Hamfest. Many met at the Miami Hamboree Floridora Booth, provided by W4WYR, Ev, who is chairperson of the Hamboree and does a super job. Thanks, Ev.

WD4EWD, Sarah, announces the Floridora Annual luncheon and meeting will be held

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April 20, noon at the Sweden House, Lee Rd., Orlando. Send in your reservations, $4.25, to Sarah, as the restaurant requires 20 for a private room. See you there!

W4WYR, Evelyn is now ARRL Vice-Director. Congratulations and good luck, Ev. We know you'll do a fine job.

W4KZT, Lucille's OM, W4LDM, Whee, is in the hospital for tests and diagnosis not known at this time. Hope nothing serious.

K8MZT, Shirley, we have missed you on the Net this year; what "hoppened"? You were seen at a QCWA luncheon, come in.

W8FJU, Dorothy, welcome to the Net; hope you are getting settled in Lake Placid as a permanent resident.

WD8DLB, Kay's OM, Ed won a Drake Antenna Tuner at the Miami Hamboree.

W4EHN, Betty, has cast off, but had to have further surgery on her right thumb. Hope all is coming along O.K., Betty.

TAMPA BAY REPEATER ASSOCIATION
By Kib, WB4ARS

This year, as in year's past, TBRA was again involved with communictions at the Gasparilla Festivities in Tampa. Approximately 35 amateurs participated in the two meter activities for the invasion and parade on Feb. 11, 1980. We also had coverage at each of the Red Cross stations along the parade route. A lot of work and some fun was had by all.

TBRA has a new slate of officers for the new year 1980. Installation took place Jan. 19 at the Ramada-Hawaiian Village in Tampa. Listed are the new officers:

President, Mike McIntosh, WB4YRW; Vice President, Helen DeGrandcourt, W4HZY; Secretary, Don Fischer, WA4CJG; and Treasurer, George Cave, W4KDX.

Everyone who attended enjoyed the dinner and fellowship. Our repeaters 16-76, 37-97, 705-105 are in top working order. Except for the autopatch on 16-76 which has given some problems.

Hope some of you got to Tampa to see the Florida State Fair. It was bigger and better this year. Even had a three-ring circus that was free.

FLORIDA SKIP FIELD DAY TROPHY

The North Florida Amateur Radio Society (NOFARS) and the Jacksonville RANGE Assn., will sponsor the 1980 FLORIDA SKIP Multi-Transmitter Field Day trophy in memory of John McIntosh, WA4DUD, who passed away in December.

John was a valued member of both groups and participated in club contests and Field Day. Both clubs feel that the trophy sponsorship is a fitting tribute.

The clubs also express their appreciation to FLORIDA SKIP and Editor Andy Clark, W4IYT, for the 23 years of service to the amateurs of Florida. The SKIP awards program is one of the best in the nation and the hams of Jax are glad to participate in it.

Billy Williams, N4UF

NATIONAL HURRICANE CENTER

On February 4th, W4IYT, Chairman of the Dade Co. ARPSC Planning Committee, and assistants met with Dr. Neil Frank and his assistant Mr. Bob Cole to complete plans on installing an amateur radio station in the National Hurricane Center. The new NHC is located on U. S. 1 just across the street from the U. of Miami in Coral Gables.

Dr. Frank was most happy to accept the offer of the Committee to install a high frequency (20-40-80 meter) transceiver and a 2-meter FM station. The H.F. equipment will be kept at the Center and the 2 meter station will be brought in when needed for local communications.

The amateur in charge of the NHC operations is George Henning, WB4JFA at 238-2583. Second in charge is Frank Merceret WB4BBH phone 667-3222. Any Dade amateur wishing to participate at the N.H.C. should call George or Frank.

Dr. Frank, Chief of the National Hurrican Center said they would like to start a program with amateur radio clubs and groups to teach them how to reconize and report severe weather storms. Mr. Bob Case will be available at club meetings with slides and will give talks on what the Weather Forecasters require. If your club in Dade County is interested in this project please call Frank WB4BBH at 667-3222 for details.

We hope to have more on this project next month.

STATEWIDE COMING EVENTS

It was suggested recently by one of our SKIP members that SKIP start a new column listing all coming events in Florida to publicize the event to amateurs that may not be aware of it. It sounds like a good idea, to YeaEditor.

All we need is the notices well in advance. Remember, our deadline is the 8th of each month. We mail on about the 24th of each month. So don't send us an event that will happend before the 28th of the same month. Allow afew days to reach our members. See what I mean"? ? Let's try it and see how it goes. AC

March 8th, SUPERWALK, Miami, info KI4T, 226-5209

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SOCIETY OF WIRELESS PIONEERS (SOWP) EDISON CHAPTER. Meet Sun. 2 p.m. 7053 kHz. Bill K4TF, CHOP. Info about SWOP: Bill Willmont K4TF, 1630 Venus St., Merritt Isl., FL 32952 or net.

ST PETERSBURG AMATEUR RADIO CLUB, Inc. W4GAC. Meet 8 p.m., lst Fri., Red Cross Hq., 818-4th St., Mail: Box 4026, St. Petersburg, FL 33731. All Welcome. Bring a friend.

TAMPA AMATEUR RADIO CLUB, Inc. W4DUG, meetings 1st & 3 rd Monday 7:30 p.m. Club House, Davis Isle. Columbia & Barbados. Mail to: 2301 Scammell Ct., Apt. 1042, Tampa, FL 33612.

TEN-TEN INTERNATIONAL NET. Central FL Cypress Chapter meets Wed. 8p.m. on 28,665. K4TSY Chapter Head. For Cypress certificate work 5 holders, send log info & $1. to Bob Lucus, K4HTU, RD2, Box 2630, St. Cloud , FL 32769.

DAYTONA BEACH AMATEUR RADIO ASSN., Inc. K4BV meets 8 p.m., 3rd Monday monthly, American Red Cross, 341 White St. Daytona Beach, FL. Bring a friend.

AMERICA RADIO CLUB. WD4NLG/R 146.13/73. Bilingual Rptr. Net meets each Tues. 8 PM. Club meets 1st Wed. of month. Emergency 14,280MHz– 7160 MHz. (Back-up Rptr 144.75/145.35) Mail: Box 651004, Miami, FL 33165.

WEST PALM BEACH AMATEUR RADIO CLUB, Inc. W4HAW, PO Box 6834, Southboro Station, W. Palm Bch 33405. Meets 1st Wed. ea. month 730PM 823 Neward St., WPB Phone 588-1148.

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MIAMI ARPSC

The Dade ARPSC Committee would like to thank all members who participated in the Orange Bowl Parade; the Orange Bowl half-time show and the Orange Bowl Marathon. Through your efforts you have brought the public one step closer to the enjoyment and service that Amateur Radio provides. W4IYT, Dade County ARRL E.C.

N O T S O ! !

We reported to you earlier in error that the FCC had adopted a proposal to require a volunteer examiner to send a copy of his or her amateur license to the FCC when requesting the Novice examination papers. The fact of the matter is that this proposal was defeated by the Commison, and we regret the error. (From ARRL Directors Letter.)

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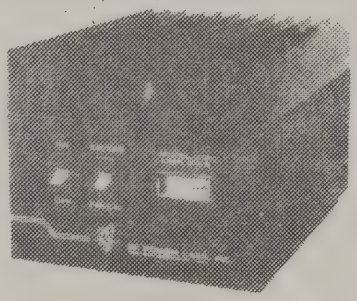

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V180	144-148MHz	8-15W	170-200W	216x330x178mm	13 5 kg (30 lbs)	CW & FM	$539.00
*V350	144 148MHz	10-20W	350-400W	432x330x178mm	20 2 kg (45 lbs)	YES	**$895.**
V130B	220 225MHz	10-15W	70-85W	216x330x178mm	11 7 kg (26 lbs)	NO	$329 00
V135B	220-225MHz	25 35W	140 160W	216x330x178mm	11 7 kg (26 lbs)	CW & FM	$469 00
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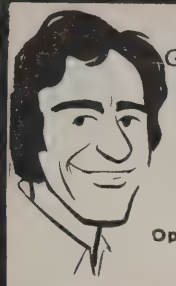

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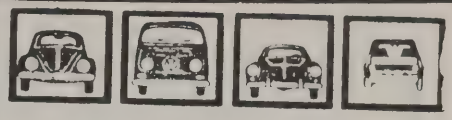

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SUN	MON	TUE	WED	THU	FRI	SAT
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NEXT MONTH APRIL 1980

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FINGER TALKING

I will be the first to admit that CW is just a sophisticated jungle drum method of communications and eventually may become a lost art. That however does not justify the comments that a number of unqualified individuals have been making about this fine art of finger talking.

The other day I heard a fellow say, "after nine sheets of paper and an hours time to say a few words on CW I have given it up as a waste of time." What he said may be true in his case, but I maintain that until a person can copy code without writing it down and gets out of that 13 wpm rut, he is not qualified to comment on the merits or demerits of CW. - - - - - ONYX

VHF'ERS ROOST

By Frank Shannon, K4GT

QSO'd a 2M FM'er K4KPU, Clearwater, along with W4RKK, K4ATW and WA4PTM, "Penny". Getting back to call-sign K4KPU, what an opportunity to supply him with fonetics (odiferous or otherwise) ! Your turn! Might add the call-sign of K4KDX, George, he supplied these phonetics, "kissing dames xrayed"!

IMPORTED 2M FM XCVR FROM "AH SO LAND". WB4LLN, "Albert", St. Petersburg, made a very interesting swap at Orlando Hamfest — he obtained a Japanese-made "National RJX 202" 2M FM XCVR. Your Scribe has never seen one like this — it's exceptionally well-made — appears of unusual quality manufacture — has 23 xtal channels and works very well, with good audio quality. "Al" sez he believes he has really "lucked-out" on this swap! Your Scribe told Al to take it to a well-known Japanese-American technician employed at a local Tampa store of Heathkit — Ted informed him that it was made by Japanese firm Panasonic under trade-name of "National" — it could not be distributed in USA under name used by well-known manufacturer (American) National Radio Company. "Ted" Yasimkawa, N4YT, is waiting the final processing of hs application for U.S. citizenship, Congrats, also, to wife of WB4LLN, Albert, on receiving Tech and Call-sign, WD4FHY.

WELCOME NEWCOMERS! Sam, N4BGS, Gulfport (St. Petersburg area) received his ticket recently — however, he listened-in to activities on TBRA (Tampa Bay Repeater) during Your Scribe's Thursday night series of talks on "Nostalgic Days of Early Radio or Wireless" (Amateur Activities). An old-timer W2DB, Howard Cervantes, has permanently moved to Florida in St. Petersburg in a "Hi-Rise" next door to toll-booth entrance to famous Sunshine Pkwy. Welcome, Howard, help keep Florida green!

PERSONALITIES MET. Finally had an eyeball with "Hank", W4TAS, custodian of Bradenton-Sarasota repeater, 22/82. This happened at the very well-attended and successful Sarasota hamfest — also at the QCWA luncheon same day (Sat.) in the "Wind Jammer" restaurant, Sarasota.

6MSSB. If you really desire to be "current" on "doings" on 6M — if you are not a member, suggest strongly you join SMIRK (Six Meters Internal Radio Klub) — also read ARRL's QST magazine column "The World Above 50 MHZ". Here comes Andy, have to QRT — CU next SKIP!

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NETS...Fm Pg. 6

managers do a better job than appointed ones. It's more a labor of love. Let's all get together and iron out these problems so we amateurs in southern Florida can be a fraternity again. Maybe this will encourage more amateurs to join ARRL. On Gator Net W4MEE recognizes WA4JDH as a RN5 rep and we will feed him RN5 traffic. Especially going to Alabama. Having two noon day nets is ridiculous with people running from one net to another and double entries into 4RN. Let's forget personalities. We have too many Silent Keys lately, lets enjoy Amateur Radio while our keys can still talk.

Any amateur who pays his $18.00 a year to ARRL is entitled to all the privileges that go with it -- other wise we might just as well subscribe to CQ or 73 magazine. We see nothing wrong in a net electing their own manager and being counter signed by the SCM. W4MEE was never appointed Gator Net Mgr. When W4EH became a silent key, W4DVO ran the net and then passed it on to W4MEE. -- 73, Doug, W4MEE.

KENWOOD INTERNATIONAL NET

The Kenwood International User's Club and net is a group of owners or prospective owners of Kenwood transceivers, manufactured by Kenwood.

The club will hold informal on the air meetings once a month or as often as needed to compare and exchange information. The net frequency is 14,320 plus or minus 5KHz at 2000U.T. every Sunday. An on the air formal meeting will be announced in the Kenwood International Newsletter. However, Kenwood users are encouraged to meet each Sunday. Just call CQ Kenwood. N8RT Mgr.

NORTH FLORIDA DX CLUB

Congratulations to fellow club member and fellow DXer, Larry Price, W4RA on his election as Executive V.P. of ARRL. And welcome Frank Butler, W4RH as Division Director.

The winter meeting of NFDXA was held 19 January in Jacksonville at the home of NFDXA President Pres Graham, W4FDA. We enjoyed seeing his well equiped shack.

Al Harbach, WA4DRU, made a report on the NFDXA CW contest operation at HH2MC. All hands thoroughly enjoyed this exercise in international goodwill. Special thanks to Mario Craon, HH2-MC and his family for thier outstanding hospitality.

Plans were discussed for club contest activity in two contests this year which NFDXA has not previously entered. One of them is the ARRL Phone contest, under the new rules.

Membership in NFDXA is by invitation only, and we are proud to welcome WA4ECA, Bill Douglas, elected to membership at this meeting. The Catered dinner was the greatest! ! See you in the pipe-ups. 73, Ham W4ZR.

WD4JJI, WD4BBH and WB4BBH, all members of Dade Co. ARPSC busy handling Orange Bowl Marathon traffic last month. Using to Miami repeaters and .52 simplex all runners were accounted for. O.B. officials were extremely happy with the amateur radio communications and want us back again next year. (Photo by K4CAG)

SKIP Editor:

A new club was formed, called the Navy Club, on March 3rd. We meet at 9 a.m. on 7260 each day Monday thru Friday. Oliver Lovendahl, W4AHZ is a charter member, and I am sure you know him. But don know if you knew he is now blind. The Broward Amateur Radio Club has been loaning him an Atlas, but he is with out a rig when they need the Atlas, and the members of the Navy Club are interested in securing one for him for his perment use. If you know of a rig simular to the Atlas (easy to tune) that is avail able with a power supply, we would appreciate your help in securi one. I am also going to confrunt BARC for their help. Lovey is also a BARC Charter member. Thanks for anything you can do.

73, Jim Knight, K4HGY, Lake Placid, Fl.

(Editor comments: Thanks Jim. Hope the above letter here will bring some results. Contact Mr. Knight via Box 432, ZIP 33852)

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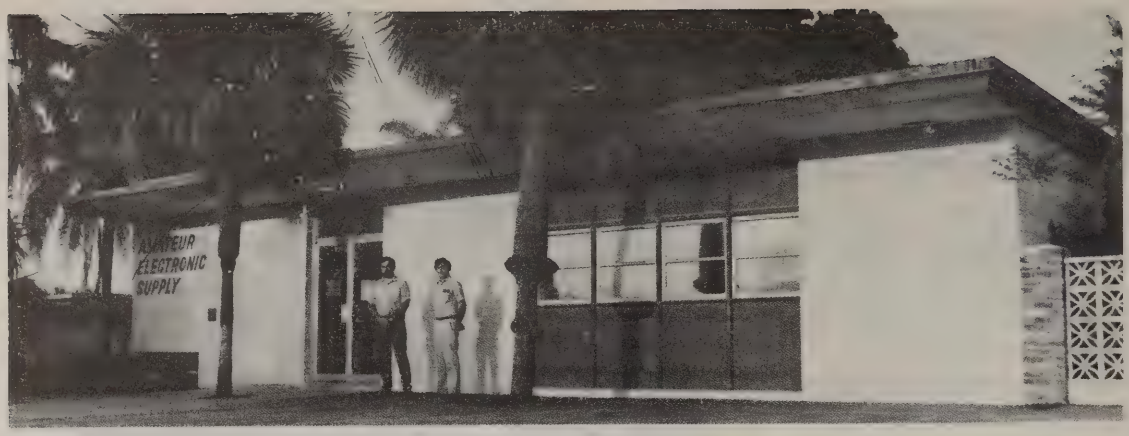

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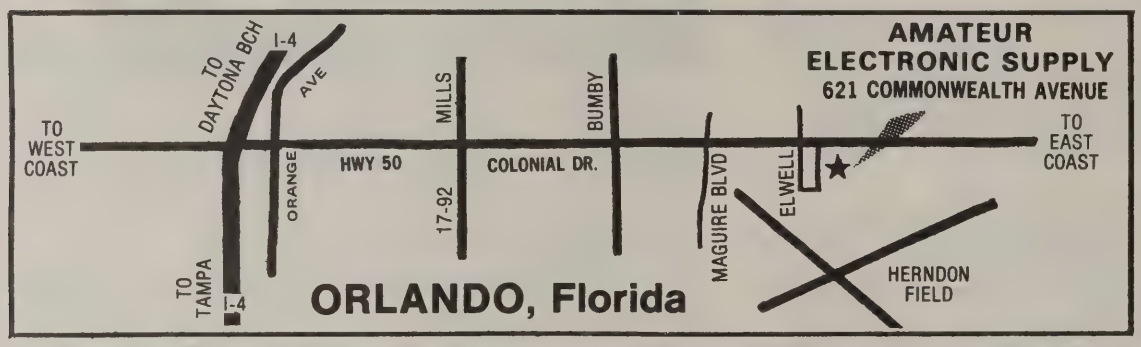

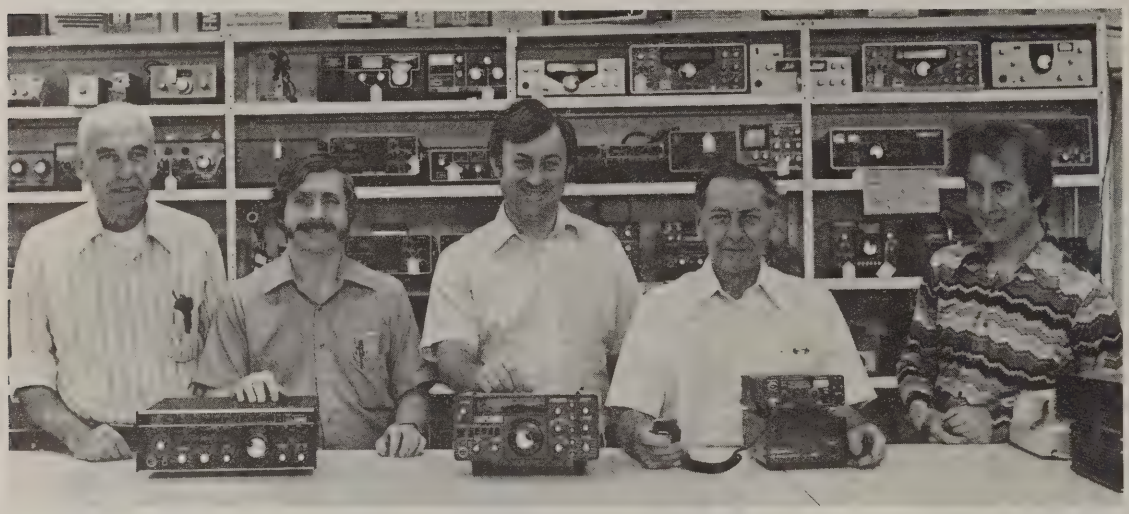

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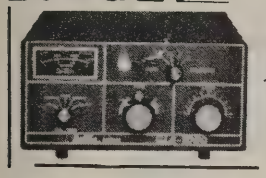

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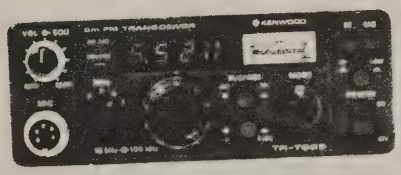
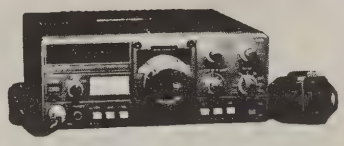
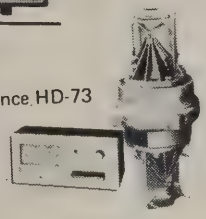


TR-7625 2m FM Transceiver.



KENWOOD TS 120S



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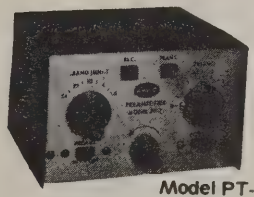
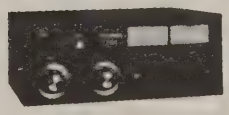


Model PT-2

ALPHA



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7322 N.W. 46th St., Miami, FL 33166 Hours: M-Sat 9am-6pm — FL residents call 1-305-592-2788

FLORIDA SKIP,

From Page 1.
With so many controls a means was needed to provide feedback that control functions were accomplished.

A multiplicity of tones and beeps was not ideal and hence, the voice talk back concept was developed. Using a Tele Sensory System, Inc., special IC programmed in ASC11 language there are the full ASC11 keyboard characters with 64 words available which includes 10 digits. The voice is generated by electronic speech synthesis and does sound lke a robot, hence, the R2D2 connotation.

The basic function is to repeat back any digits entered into the repeater via "touch tones"©. This led to many additional features. WB4UFA with the programming assistance of W4MGK, Al Preuss, and others derived the following:

Repeat back of telephone numbers dialed
Speed dialing for members
Auto call ident of station using speed dial
Time of day at end of autopatch
Voice ident of repeater
NOAA weather auto turn on during emergencies
"Touch Tone"©, test read back
Special paging facilities
Full auto control of remote tape recorders
Alerting of control stations
Ident of "time out;;

The voice synthesizer function is identified by R2D2 being "spoken" and has been very well accepted by the members of the Gold Coast FM Association and by area visitors who are impressed by the technology within the 01/61 machine.

Plans are underway to duplicate the system in the new 22/82 G.C.F.M.A. repeater that is underway for Boca Raton.

The 01/61 repeater in Pompano is an open repeater and does welcome anyone using it although the "autopatch" is available normally to members only. Listen to it and the control stations or members of the technical committee will be glad to answer any questions or guide anyone in using R2D2.

NOTICE ALL HANDS

As you can see, this is another full issue. Next month we will carry all the "over set" articles. Kights of the Kilocycle, Night owl-zingers, Daytona Funfest,DX with W4MB, A special on MARS, Getting on OSCAR, and much much more. Thanks to all for your support. AC

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THE 20th MIAMI TROPICAL HAMBOREE

By Joel I. Kandel, KI4T

Bythe time the doors closed on the 20th Miami Tropical Hamboree, nearly 7000 people had engulfed 105 commercial booths, 257 swap tables, and walked off with nearly 300 prizes.

The Hamboree managed to thrive and grow on most fronts, in a year when hamfests have been suffering the declining sunspot syndrome; all this despite Sunday weather which brought a mini-tornado down only a few blocks from the Flagler Dog Track site.

The ARRL Forum was the highlight of the show. Hamboree Chairperson and traffic handler extraordinaire — Evelyn Gauzens, W4WYR — did the Dade Radio Club and community proud by being appointed Southeastern Division Vice Director by President Dannals, W2HD. Only the second woman to ever hold a directorship appointment in the history of the League, Evelyn becomes the third member of the Dade Radio Club to hold an ARRL directorship post. (K4KQ and current Southwestern Director W6EJJ the others). The job couldn't have gone to a more deserving person.

Also present at the Forum and having their official debut were newly appointed Vice President Larry Price, W4RA; Director Frank Butler, W4RH; N. Florida SCM Fred Marchman, AA4FG; and of course, President Harry Dannals, W2HD, with his trusty Kenwood TR-2400. A hearty congratulations and wishes of success to them all.

While we once again enjoyed seeing Miss Jamaica (in picture if not in person), at the Jamaica Tourist Board booth, WB4CBP will get a chance to meet her in person. Ted won the trip. Ted, is that one-way or two?

The Saturday DX Forum and Dinner run by the SFDXA was a great first-time success, with about 100 people at the dinner. Norm, W4QQN, MC'd the program at a lively and enjoyable pace. Stew Woodward's main talk and slides of a very hairy Spratly DX-pedition replete with shooting Vietnamese and galley slaves rounded off the program.

Major complaints? We heard a few . . .

"Why didn't I win the IC701, the Hal DS2000 and ST5000, the Astro 150, the Clipperton Linear, the Yaesu FT207R, the Opto 8010 counter or the diamond and ruby ring?

"In the 20 years I've been attending I've never won anything."

And these were just the complaints of W4WYR alone.

DRC thanks all those of you who attended and made it a success. See you next year.

BRANDON A.R.S.

By Terri Provost, K4KNX

BARS members were quite busy this past month when they showed up to provide communications for a parade consisting of 1200 youngsters for the Brandon Area Youth Soccer League. The following amateurs: N4BBQ, WB4OMY, N4AIY, WD4DZL and N4BZ were well rewarded for their participation when the Rowdies' Fannies passed in review. Yours truly, K4KNX, brought up the rear and didn't even get to see the parade.

WD4OBG, Bill Durkin, passed his Advanced Class this past month and has code credit for his Extra safely tucked away in his back pocket. Congrats! Bill and good luck on the Extra.

Carl Kunz, WA4IEW, is offering Persian Belly Dancers and Russian Caviar as an incentive to join his Thursday night 8 p.m. BARS Ten Meter Net on 28.765. Maybe some

FLORID REPEATER COUNCIL

By Randy Hopkins, WA4VEQ

The Florida Repeater Council held its annual election of officers at the Tropical Hamboree on Jan. 26:

The following were elected to the 1980-81 term:

President, Ken Farwell, K4BZS, Live Oak, FL.; Vice-President, Randy Hopkins, WA4VEQ, Miami, FL.; Treasurer, Dave Stocky, K4KE, St. Petersburg, FL.

The following were appointed:

Secretary and "LINK" Editor, Jani Kusmulyana, KO4J, Tampa, FL.; Freq. Coord., Al Friend, W4CF, St. Petersburg, Fl.

In an effort to more closely coordinate the activities of the Florida Repeater Council and to disseminate information among the membership, the Council holds a weekly repeater information net. The net meets each Sunday morning at 10:30 a.m. on 7247 KHz. The Council welcomes all amateurs desiring information on the repeaters in Florida or having business to be brought before the Council.

FORT MYERS MODULATOR

By Cash, W4MPV

Miami Hamboree Bus Trip: We had 34 passengers aboard the bus that took the Ft. Myers A.R.C. to the ARRL Conention Jan: 26. All had a great time. We left at 6:30 a.m. and were back in town about 9:30 p.m. We picked up three people in Naples at the McDonald's South, had a breakfast break there, and then on to Miami. Got there about ten. Wandered around and attended some of the forums and left about 4:45 p.m.

Coming home we stopped at the Morrison's Cafeteria in the Naples Mall. Ed Lipecki, W9KQT and XYL and Henry Crichton KB4MG, stepped out wrong door at the cafeteria so we lost them for a while. It was not necessary to send the seeing eye dogs after them because they showed up at the bus in time.

Jim Signore, W2UCM, lugged home a power supply for an L7 he purchased and won the prize for the heaviest piece of equipment purchased on the trip. Jim is in the process of having a new home built and is probably the only ham in existence that has had the tower slab poured before the home was built.

HAMBAR SERVICE of electronic equipment ONLY, will be available to all our subscribers, amateur and non-amateur at the rate of 5 cents per word. Min. charge $1.00. Commercial and non-subscriber rate is 10 cents per word. Min. charge $2.00. No ad will be published unless accompanied by full remittance!! NO ads via telephone! Rerun ads must be resubmitted each month. We require all HAMBAR ads contain full mailing address, call and ZIP number, area/phone number, if any. Make it easy for person wanting to buy your equipment to reach you. COMMERCIAL display full page $72.50, half page $44.00, 1/4 page $27.50 and 1/8 page $16.50 camera ready. Lay-out, make-up fee is according to size of ad. DEADLINE FOR ALL ADS & COPY is 8th of each month in P. O. Box 501, Miami Springs, FL 33166. Thank you for your cooperation. Editor.

FOR SALE: 23" video monitor/TV professional Panasonic B/W in cabinet $225; RCA BW007 video camera 14-56MM F1.8 Zoom & Macro lens, built in boom mike, new $195. Both for $400. Virg Meador W4LVZ, 6635 SW 46th St., Miami, FL 33155 305 661-8043.

FOR SALE: DRAKE TR4C, MS4, AC-4 $495. Yaesu FT-101B, full xtals, fan, mike $450. All in mint condx. WANTED: YO-100 scope. A. E. Cannon, W4HLO, 505 N. Boyd St., Winter Garden, FL 32787 305 656-3250.

FOR SALE: Telrex TB5EM beam, T50H Aluma Tower, CDE Ham 111, and SWAN WM2000 wattmeter. Bob Bowman KA4HXR Box 1212, Brandon, FL 33511 813 685-2757.

WANTED: All HAMBARS with complete address & phone Nr. Ed.

HARD LINE LOW LOSS COAX. Alum. jacket, 50 ohm. .40 cents per foot. pick up only.Have about 400 feet no. 8 antenna wire which can stand up in hurricane only .05 per foot. No ship. Also have connectors for same. Lapp insulators 5 1/2 inch .75 cents each. 10 inch $l. each, 11 3/4 inch $1.50 These are the very best money can buy!! Don't go 2nd class, go first. Plus shipping. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

SELL: Kenwood TS820S, mint condition, original cartons and manuals $750. Charles Unger WA2DGP, 6400 NW 2nd Ave., Boca Raton, FL 33431 305 994-8838.

FOR SALE: HQ-170C (clock) all amateur band receiver with its manual $125. Johnson Valiant transmitter uses 3 - 6146's in final with manual $125. OR $200 for both and a Johnson Signal Sentry monitor FREE. Tom McEvoy W4GMR, 165 Lawn Way, Miami Springs, FL 33166 305 887-5341.

KENWOOD INTERNATIONAL USER'S CLUB. DETAILS S.A.S.E. Robert A. Pohorence N8RT, 9600 Kickapoo Pass, Streetsboro OH 44240.

FOR SALE: Heavy duty CDR rotor and control box $60.00. ICOM IC-230, mike, mount, with added .05 kHz very clean $180. with DC cord in orig. box. Andy Clark W4IYT, 41 Lenape Drive, Miami Springs, FL 33166 305 888-3874.

WANTED: U R G E N T ! ! Information - name & address of company selling Ham M rotator control box modification kit for delayed brake solenoid release. Also WANTED: Collins PM-2 power supply. Edward Kane K4MAS, G M F Box 520042, Miami, FL 33152 305 443-4348.

AMATEUR CLUB EDITORS, etc. Make bulletin mailing easier ! ! Have small (12"X9") Addressograph Multigraph, address machine model 30, hand operated in like new condition $75. Will also throw in about 500 plates for same. (Frames to hold addresses) A $400.00 value. Write SKIP Editor.

FOR SALE: D.C. power supply, 110-130 VAC in, and 48VDC output at 5 amps. Can be converted to 24 or 12 VDC . . output. 19 inch rack mount. Built for FAA $15. Inter-comm by Teletalk, walnut wood case 12W X6H X7½" D with 24 remote station switches, 115 v.ac. operation $20. VHF pre-amp 125-148 MHz with 115 ac supply, 19" panel X 3" high, 2 "N" type in/out connectors $15. VHF fixed tuned 108-152 MHz, 115 v.a.c. operation receiver, type RV-3. Very not!! Was built for FAA ATC/tower use. Orig. cost over $900. With complete manual only $55. Wilcox VHF, all most same as RV-3 $40. each. CONAR color generator, cables & instructions $50. All FOB. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

FOR SALE: ICOM 701 with matching power supply and mike. Fresh from factory update. Mod. Mint. Domestic disaster so only $875. firm. Will ship for $5. or deliver near Jacksonville. Also ICOM215 with Nicads crystals for popular repeaters and CES tone pad mike, $165. 40-75 meter trap dipole, works great $15. Tom Castiglia, N4-BFX 8090 Atlantic Blvd., A-14, Jacksonville, FL 32211 904 721-3548 evenings and weekends.

FOR SALE: Dentron Clipperton linear 10-160 meters $475. ERC model SL-56 audio active filter $50. Paradynamics (PDC-98) 1000 watts low-pass filter $20. Magazines: Ham Radio, complete set from March 1968; QST from 1930; CQ from 1946; Popular Electronics from Oct. 1954. Send SASE. Mike Raskin K4KUZ, 561 W. Tropical Way, Plantation, FL 33317 305 583-4026.

FOR SALE: SONAR FM Monitor rcvr mod. FR-105, 6 chnls loaded with police and repeater xtals, all cords and manual . Freq range 150-174 mHz. $60. 115VAC/12 VDC. Clegg 22'er FM with Vanguard frequency synthesizer, mike, manual 115VAC/12VDC. Tunable feceiver 145.4 to 148.8 MHz. perfect for CAP or MARS splits. $110. B&W Coaxial switch mod. 376 5-positions, new price $18.95 (new won dor-prize) asking $15. B&W coaxal switch mod. 550A same as above, used with pointer knob $10. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874. All above plus UPS.

FOR SALE: ICOM 211 with touch tone mike, instruction book and acassories $550. cash & carry. Tom Roberts K5CJ, 2816 Kirk Road, Lake Worth, FL 33461 305 967-5997.

CALLBOOK - U.S. 1979 $7.00, excellent condtion. Alan Wolfe, WB-4DYU, 12956 SW 50th St., Miami, FL 33175 305 552-0881.

SELL: 25 watt, Sonar 3602, 8 channels, fully xtalled, xtra xtals, mobile bracket, mike, exc condx, make offer. M.M. Freedman W4MG-L, 7010 SW 16 St., Plantation, FL 33317 305 792-4600.

FOR SALE: DRAKE T-4XC, R4C, AC-4, MS-4 in mint condition. Will ship UPS $859. firm!! Hank McMurria W4TAS, 3200 Avenue A, West, Bradenton, FL 33505 813 748-2245.

FOR SALE: Yaesu FRDX-400 rcvr, FLDX-400 xmtr, FL2000B Amp. phone patch, FTV 650 transverter, plus mike, mint, one owner $795. Tom Sherrill WB4UMU, 19210 Gunn Hwy, Odessa, FL 33556 813 920-2727.

FOR SALE: Tempo-1 with supply, manual $450. Heath SB-634, clock, phone patch, SWR meter with manual $150. Heath SB-600 spkr $25. Dentron 80-10AT, antenna match $50. DSI 3240HH freq counter with manual $100.Autronic electronic keyer $50. Ham paddke jet $20. CDR rotor, model SB-4 with 100 ft cable $75. Cushcraft, 11 element 2 meter ant $25. Clegg FM-27B, 2 meter mobile, with ant., coax, spkr $200. Lafayette Varac 0-140 VAC $75. Nye 11-1, 1000W low pass filter $15. Heath Cantenna with oil $20. Shure 526T desk mike $30. Heath mobileencoder mike HD-1982 with manual $25. 2 meter power supply$25. 23 chnls, crystal control CB, power supply with SSB. Can be converted to 10 meters $150. 50 ft. push-up pole $50. If purchased as package $1200. Many other items w/B included with package deal. Merl Butt WD4IHK, 29520 SW 144 Ave., Homestead, FL 33033 305 - 248-0502.

FOR SALE: WILSON 1405 HT new condition with leather case & desk top charger $175. firm. Bud Norwood WA4QGV, 220 N. Tuttle Ave., Sarasota, FL 33577 813 366-2969 or 355-6995.

FOR SALE: HW-100 xcvr, 10-80 meters, excellent operating condx and appearance. No scratches or dents. With HP-23A pwr supply & Shure mike. All manuals and cables included $300. Paul Connolly K4YSS, 1232 Carlene Ave., Ft. Myers, FL 33901.

FOR SALE: TRS-80 32K 2 disk with RS232 computer. Lots of software and disks. Cost $2375.00, Sell $1850.00. Reg Freedman K4OZZ 5741 NE 19 Ave. Ft. Lauderdale, FL 33308 305 772-6391.

FOR SALE: Ten-Tec model 405 one hundred watt linear 80-10 wid power supply model 250, both $180. R. F. Gatlin WB4SHB, 520 Palm St. West Palm Beach, FL 33401. Sorry no phone.

FOR SALE: Heath varable power supply 9-12VT, 12 amps continous 20 amp intermitting with volt and amp meters $135. Regency 16 chnl synthsized scanner, one channel continous WX $190. SB-230 conductance cooled 10-80 M linear $325. Pick up or you ship. Ski Karpinski WB4AOG, 1312 13th St., Zephyrhills, FL 33599.

FOR SALE: YAESU FT-207R, two meter handi-talki, one month new with 5/8 wave trunk mount antenna, all for $400. Craig M-100 language translator with German and English modules, one month new $175. Tom French, WA4BZP, 8266 Tansy Dr., Orlando, Fl. 32811 305 351-6527.

FOR SALE: Midland 13-520 handie talkie, includes ni-cad batt. extra batt pak, ext. microphone, TT-pad, wall charger, carrying case, ext. power cord, all A-1 condition, $160. Joe Palomino WA4ONV, 120 SW 13 St., Miami, FL 33130 305 858-7616 evenings.

FOR SALE: Heath SB-102 transceiver with HP-23 power supply & SB-600 speaker $325., SB-610 station monitor $75. HD-1250 keyer $50. IM-4100 frequency counter $90. DX-60B transmitter $60. All with manuals, Hustler 2 meter 5/8 mobile antenna $15. Larry Tumey, K4GMZ, 5824 Lake Breeze Ave., Lakeland, FL 33805 813 - 858-4539 after 6 p.m.

FOR SALE: Heath HW-104, noise blanker, CW filter, HP1144 pwr supply, HS-1661 speaker, $450. in use now driving SB-200 linear, also available. HM-2102 bridge $30. SB-630 Console $75. SB-101 CW filter, SB-600 power supply and speaker $350. SB-220 linear $475. BC-221 freq. meter $65. BC-348Q receiver (110 VAC Con.) $65. C. Harrow AB1S, 2081 SE 19th Ave. Pompano Beach, FL 33062 305-941-5231.

FOR SALE: YAESU 901DM with spare tubes, extender boards, maintenance service manual and Japanese-US tranistor cross-reference which I've never used since unit has performed perfectly, but XYL is getting me new Collins! Also IO-102 5MHz SS scope $75. B&W RF plate choke and filter choke for 2 Kw, both $15. J. Darmento W4SXK, Rte. 3 Box 930C, Merritt Island, FL 32952 305 773-0796.

FOR SALE: Commercial built "foot switch" by General Control Co. Has heavy duty d.p.dt. switch. Perfect for contest, F.D., operators work shop projects, dark room work etc. some with cords $5.50 each. A. Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874. FOB

NOTICE: ALL HAMBARS MUST BE IN BOX 501 BY 10th of EACH MONTH'. IF ARRIVE LATE WILL BE PUBLISHED FOLLOWING MONTH'. THANKS, Editor.

COLLINS MECHANICAL FILTER F-455 C 12 Part No. 522 9041 002, like new $15. each - have 3. Collins power supply, standard 19 inch panel by 10" hi. 115VAC in with following outputs: 160 /minus, -150 R, -400 plus300 and plus 150R, all at least 80 ma. Has 3½ inch metered on all voltages, beautiful construction $15. Heathkit 2 cross-over enclousez, all wood, lite oak, 10H X 23W X 12 deep, has trible control, only $17. Electro-Voice Bookshelf speaker system, 8 inch full ranger speaker, 50 to 13,000 cps response is conserviate. All wood construction. About same measurements as above Heath.$15. Andy Clark W4IYT, 41 Lenape Dr. Miami Springs, FL 33166 305 888-3874.

NOTICE: PLEASE check your mailing label. If your ZIP number is not correct please advise us soon as possible. If number is off by only one, it will delay your SKIP as long as 4 or 5 days, we are told. EDITOR.

WANTED: Professional Press Relations amateur in Miami area to join the Dade County ARPSC Planning Committee. Get details from A. Clark W4IYT EC Dade County phone 888-3874.

FOR SALE: DENTRON 1000 linear, mint condx with 10 meter band. Will ship $200. firm. Scott Magness K4IY, 130 Flagler DR., Miami Springs, FL 33166 305 888-4477.

FOR SALE: DGM Electronics MVD - 1000 morse-video display $375. Model 200 tri-mode CW-RTTY-AUSCII, converter by info Tech $400. Bob Beatty WB4WVW, 5900 W. 12 Ct., Hialeah, FL 33012 305 - 821-6344.

FOR SALE: ICOM-701 with power supply, microphone, all in new condition, manual and original shipping boxes. $1,100.00 F I R M ! Payment via cashiers check. Will ship prepaid via UPS. Unit surplus to our needs. M. R. Cochrane W4OUJ, 3721 SE 13th St., Ocala, FL 32670 904 694-5620.

FOR SALE: 432 amp, 70 watts $169. ECHO 70, 432 transceiver $295. Yaesu 301AD and power supply $695. PT-2 preamp $60. Geo Dawson WA4OWC, 3313 Sherwood Blvd., Delray Beach, FL 33445 305 498-3535.

FOR SALE: Electro-Voice 619TR Dynamic mike with built-in gain and compression controls, push-to-talk switch and meter indicator and 3-connector plug $25. HEATH 1 Kw Cantenna Dummy load and oil, mod. HN-31 $20. Pick-up. Oil may leak if shipped. LARSEN 2-meter NLA-150-K mobile antenna. Brand new, still in box. Won at a hamfest. $20. BIRD WATT meter model 6250. Designed for measure very low r.f. output up to 250 m.w. 30-500 MHz. Like new with manual in orig. box $50. A. C. Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

FOR SALE: KLM 450MHz twin element antenna with antenna couplers, power dividers and phasing harness $85. Daniel E. Jenkins WB4 TZR, 218 Beacon Hill Dr., New Port Richey, FL 33552 813 849-6723.

FOR SALE: SB-401 SB-303, SB-600 Accu-keyer, mike good cond. will demonstrate K. Raymond KB4NH, 956 E. Seminole Dr., Venice, FL 33595.

FOR SALE: Conrac monitors, SYNC Gen. Video switcher, camera control, parabolic dish $20. each. 6 ft. equipment cabinets $50. ea. Model 316 Tek Osc. $35. Evenings contact. Bill Pettyplace, 15475 SW 86 Terr., Miami, FL 33193 305 271-8415.

FOR SALE: HW-32, 20 meter single band Xcvr, mobile supply cable, 20 meter Hustler Resonator $100. Need Keyer paddle, Parker Latta WA4YML, Rt. 1 Box 294, Morganton, GA 30560 404 374-6685.

For SALE: Raytrack DX2000L 2-Kw linear amplifier utilizing pair 3-500Zs. Beautiful condition $450. Pick-up only. Atlas 210, very clean $425. U-ship. Drake RCS-4 remote coax switch, near new $85., U-ship. Hallicrafters SX-99 receiver, nice $125. U-ship. Matt Scarff W4FAH, 618 Carey Pl., Lakeland, FL 33803 813 683-4288 after 6 p.m. please.

FOR SALE: YAESU FT-202R, 2 meter handie talkie with xtals, nicads, rubber duckie and charger, complete $150. or offer. Gary Bernstein WB4YQR, 2751 SW 82 Ct., Miami, FL 33155 305 226-5176 after 7 p.m.

FOR SALE: SWAN 250C, mint condition $325. Leslie L. Weller, WA4QHA, 3180 NW 40 Ct., Ft. Lauderdale, FL 33309 305 739-1908.

FOR SALE: COLLINS power supply, standard 19 " panel by 10"hi 115 v.a.c. input with following outputs: -160, -150R, -400, +300, +150R, has 3[" meter with meter switch on ecah output voltage. Beautiful construction, need space $12. COLLINS filter F-250 A-76 Part No. 522-9039-002 $15. each. Advance Elec. Coax switch, 48v d.c. coil $5. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

FREE: Once again, FLORIDA SKIP is offering it's members a new calendar. A multi-colored, 3½ X 5¾". Each month page shows, last, present and next month in large black numbers. It also shows moon-coverages and all national holidays. We have sent out thousands in the past 20 years. To get yours, send self address stamped envelope to SKIP CALENDAR, Box 501, Miami Springs, FL 33166. P.S. we also send FREE - FCC Form 610's on request with SASE.

FOR SALE: Galaxy V Mk II power supply, RF console, deluxe accesary console, shure 444 mike. $300. Chet Kimball WA4YQK, 1460 So. Betty Lane, Clearwater, FL 33516 813 442-3769.

FOR SALE: Heath SB-500 2 meter transverter $125. IG-82 Sine Square wave generator $20. HM-10 tunnell dipper $20. HD-20 calibrator $10. Ballantine Electronics voltmeter mod. 310-A $35. 5-BTV verticel $65. MO-1 fold-over mast $15. RM-20s resonator $10. QD-1 qucick disconnect $7.50 C-32 ball mount $5. Johnson bi-net resonator $10. Shakespear 80M whip $10. Selling these items for widow of silent key. Chet Kucyn W2BTP, 200 Everglades Blvd. Stuart, FL 33494 305 334-5078.

WANTED: When sending in HAMBARS PLEASE give your name, call, zip, aera code and phone number. Make it easy for people to contact you! Thanks -- Editor.

FOR SALE: BOGEN AM-FM, 20 watt receiver. AM has stage of RF. Can pick-up BC DX from all over country at night. Perfect for multi-speaker operation, such as doctors office, factory, back= ground music etc. Also has mike, phono, aux inputs. In all wood cabinet 16" H X 12" W X 12" D. $30. Andy Clark W4IYT, 41

FOR SALE: DRAKE T4XB, R4B with MS-4 speaker/power supply $700. FIRM! Would consider good 6 meter rig as part trade. Mike Alonso WB4VMU, 8181 NW S. River Dr. D-427, Medley, FL 33166 305 885-3997.

SELL: Yaesu NC-2 quick charger $65. and MA-25B KLM amplifier $225. Both for the FT-207R hand-held. Yaesu FT-101EX $495.00. Converted Midland 13-893 SSB 10 Mtr $100. Wilson HT 2202SM, Nicads $225. KLM PA2-70BC 220MHz amplifier $150. L. H. Connelly WD4HAL, P.O. Box 1164, Palm Beach, FL 33480 305 842-1861.

FOR SALE: KLM 160 watt 2 meter power amplifier 10 watts input 160 watts output AM, FM, CW, SSB mint condition $175. Firm. Bud Norwood WA4QGV, 220 N. Tuttle Ave., Sarasota, FL 33577 813 366-2969 or 355-6995.

NEVER LEAVE YOUR HEADLIGHTS ON AGAIN! Tranistorized buzzer kit warns you! All parts included! $3.75 add 4% Fla. Tax 40 cents postage. ELECTRONIC INNOVATIONS, Suite 7B, 1105 N. Main St., Gainesville, FL 32601. 904 - 375-6047.

FOR SALE: YAESU F.T. 101EE with c.w. filter, external speaker. Yaesu YC-601 B digital display, VOMAX process, Yaesu mike $650. Bill Weldner KA4GCH, 4734 Lake Charles Way No., Kenneth City, FL 33709 813 544-4144.

WANTED: ARRL pubs "Hint & Kings", Volumes 1, 2 and 7. Info on price & volume available to, Gerry Skinner K4LVZ, 8231 SW 133 St., Miami, FL 33156. 305 251-6457.

MOVING back to K.C., must sell Johnson Thunderbolt linear with extra finals. Johnson Pacemaker, SSB transmitter, Galaxy V MK II, remote VFO, a.c. supply, speaker, phone patch console. Heavy 2Kw linear with new HV supply. Would consider trade on HT-44, HT-46 32S1, SX115, KWM-2, trade-up down or even. Bob Mason WD4-ROG, 631 Avenida Del Norte, Sarasota, FL 33581 813 349-6261.

ESTATE SALE: Heath 2 meter HW-2035-A synthesized transceiver with HW-2036-+ a.c. power supply, standard Heath hand mike, Lafayette SWR meter, inside 5/8 wave antenna, 20 ft. coax and manuals, all $175. Heath 5" lab scope model 10-30 with Heath demodulating probe and RCA high voltage probe and manuals, package $100. D-104 std mike $15. All above OK. Cash and carry. Ray Williams K4DLM, 2200 W River Dr., Margate, FL 33063 305 972-4354.

FOR SALE: Tempo F.M.H. H.T. 2 watts, 6 channels, full xtals, new nicads, battery charger $150. Clegg 27B synthesized $190. Simpson model A-4 channel, make offer. All in good condition. W. P. Crowley WA4UON, 7990 SW 161 St., Miami, FL 33157 305 238-2220.

FOR SALE: One SWAN 500CX with matching 117XC power supply and speaker. One clock 24-hour Tymeter Numicron. One mike Astatic D-104. One bug keyer, very early Vibroplex type, one foot switch. Alliance rotator U-100. One VOM Simpson model 260. One Hammarlund Super Pro with power supply. One quad antenna using fiberglass spreaders. Edna Dunn, 520 8th Ave. SE, Pompano Beach, FL 33060 305 946 7350.

SELL: TS820S, excellent condx, incl. c.w. filter, set spare tubes and operating manual $750. Pick up only to insure satisfaction. Bill Pearl KB4HQ, 113 E. Suwannee, Cocoa Beach, FL 32931

FOR SALE: Hy-Gain 5 element monoband beam Long John Model 105BA. Two 10 Rohn 25ZG sections all items 2 months old. Want SB-634. Dave Heath N4AKE, 14380 NE 12 Ave. N. Miami, FL 33161 305 945-7776 evenings.

FOR SALE: Heath HW-101 transceiver with speaker and power supply less than one year old, mint condition $350. Don Murray N4CNP, 920 Alava Ave., Coral Gables, FL 305 665-4708 evenings.

AMATEUR CLUB EDITORS, etc: Make bulletin mailing easier! ! ! Have a small (12" X 9) Addressograph Multigraph address machine model 30, hand operated, new condition with Multigraph 6-drawer cabinet (max 1200 plates) all for only $90.00 -- a $400. value. A. Clark, W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874. You pay ship or pick up.

SALE: Gladding 25, Pearce-Simpson 2M, FM 25 watts, 6 pair xtals with xtras plus 120/12 V heavy duty supply $125. Clegg 22'er 2M AM, could work FM with slight modification or adapter $60. Heathkit freq counter IM-4100, covers 50 MC $80. Prescaler to 250 MHz requires 5 V. power $20. Reel tape recorder, a.c.-portable, 5 inch reels of tape and splicer $35. IC Audio Generator 10 hertz to 100 KH, sine and sq wave, 120 V. power $25. Band instrument perfect pitch tuner $30. Are you a nostaliga buff??? 12 inch LP record album with sounds of the "New Nostalgia" music works of WA4-CLG store retail $7. For hams copy $4. postpaid. Floyd Fellows WA4CLG, 2449 Duncan, Belleair Bluffs, FL 33540 813 585-2441.

WANTED: Remote VFO for Galaxy V or GT-550. Ulo Vilms K4-OV, P.O.Box 832, Warner Robins, GA 31093.

FOR SALE: WATERS codax automatic keyer model 361, speed 5 - 50 words per minute, solid state with its own battery power supply. $45. Chris Everson WA4JRU, 3880 Crayton Rd., Naples, FL 33940 813 261-1655.

TRADE: Have Swan 270 Xcvr with built in 12VDC/110 VAC supplies, good. Want good Collins 32S3 transmitter. Ulo Vilms K4OV, P.O. Box 832, Warner Robins, GA 31093.

ESTATE SALE OF W4PUV. Joseph Hurd. HW-100, complete, good condition $300. Microphone Turner 80Plus $15. Mike, Electro Voice Model 950 $8. Mike Shure M64H $10. Fred Anderson W4UCA, 80-68 Country club Rd., St. Petersburg, FL 33710 813 345-5290.

FOR SALE: HEATHKIT STATION CONSOLE' SB-630 with manual $75. CV-278 RTTY converter with manual $35. CV-89 RTTY converter with manual $60. Eico 255 VTVM with manual, AC $25. Triplet 650 VTVM with manual, 1 microvolt - 300V $25. PACO sine and square wave generator with manual $25. Precision 68 VTVM with manual $30. BC-221AA with calibration book, AC $25. GE 2 meter strip $10. GE 6 meter receiver strip, a.c. speaker, cabinet $20. Harry Evans W4OFU 10006 NW 81 Ct., Tamarac, FL 33321 305 721-2349.

WANTED: POWER transformer for EICO 460 scope or complete scope, EICO or Heath. Does not have to be operational if major parts are OK. Also want Sony or Teac open-reel tape deck and mixer, broadcast control board. Curt Parrish K4TL, 306 W. Amherst Ave., Melbourne, FL 32901 305 723-8659.

FOR SALE: Antenna W2AU quad with fiberglas spreaders $60. O E Alexander, 615 Green Dr., Kissimmee, FL 32741 813 427-1030.

FOR SALE: SOLA D.C. power supply, type CVDC. Input 100-130 VAC, output 48VDC at 4 amps, Beautiful $18. LAMBDA regulate power supply, in 105-132 VAC, 55-65 Hz, output 150 VDC plus or minus 5% 4Amp. Model LM F-150-M. Has 2 meters, 0-5A & 0-200 v.d.c. All on 3 inch panel $50. (Orig cost over $300.)Cornell-Dubilier Powercom mod. 12B8, input 12 VDC, output 115 VAC - 80VA with local or remote "off-on" switch. Measures 3H X6W X 7D. $18. Dual audio monitor amp. on 5 inch panel by Comms. Eqpt. Co. Run any input to 500 ohm out. Seperate audio control on each channel on front panel, 115 VAC operation. Could be used for AFSK or out many uses. Uses 5-common-type tubes, only $18. National NC-240 a.c. power supply on 5" high by 19" wide panel $12. Nems-Clare, Inc., Antenna multicoupler. One antenna in and get 10 outputs via coax connectors, any freqs from 2.5 to 20MHz. Used in commercial communication station, only $12. (Coax connectors worth that.) Triplet model 1200G, multi-meter, with orig book (real antique!) One of first of its kind built, less batteries, as it $15. National "Selecto-O-Ject" with power cord $5. EIMAC 4-125A used, $7.00 each, have three. Tecraft CC5-50 6 meter converter wid all tubes & xtals, no diagram $5. Andy Clark, W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874. All F.O.B.

WANTED: SWAN 250 or 250C. Will swap 2 meter Tempo VHF one. Jim Knight K4HGY, Rt. 5 Box 432, Lake Placid, FL 33852 813 465-0163.

FOR SALE: Complete portable 2 meter package: Wilson WE-800 synthesized 100 watt/1 watt, 2 meter FM with internal ni-cad batteries, 4 amp power supply, battery charger, travel antenna. All in compact foam-lined carrying case which fits easily under airline seat. List price for items, seperately about $500. Will sell for $350 firm. Frank Merceret WB4BBH, 6491 SW 43 St., Miami, Fl. 33155 305 667-3222.

WANTED: Trap dipole for 40/80 can be 5 bands, but must include 40 & 80 meters. Police scanners, all types. State coverage, model & price. Also need tuneable aircraft receiver. Tom Y. Smith WB4RGQ 25 So. Halifax, Daytona Beach, FL 32018 904 252-2906 after 6pm.

FOR SALE: Linear amplifier with pair of 3-500Zs and rotory inductor and power supply. Vernon Dunlap W4PHM, 197 Wertz Dr., Largo, FL 33541 813 581-3329.

FOR SALE: Deluze Vibroples in original box, never used $25. Mosley Classic 33 beam $75. Atlas 210X with noise blanker, DD-6 digital dial, AR-117 a.c. console, DMK deluxe mobile mount, cost $1233. SELL for $600. Mint condition. Bascomb K4KOZ, 5620 NW 3 Terr., Boca Raton, FL 33431 305 994-1242.

N O T I C E ! ! PLEASE check your mailing label. If your ZIP number is not correct please advise us soon as possible. If number is off by only one, it delay your SKIP as long as 4 or 5 days. Also when you move give us OLD and NEW address at least 7 days in advance of move. Tks. Editor.

FOR SALE: FAA model TV-28, 65 W. AM, 118-152 MHz transmitter with blower, manual, with all power supplies, standard 19 inch rack mount. Can convert to FM or 80W FM amp, all for $70. FAA UHF rcvr 200-450 MHz, fixed tune, 115 V.a.c. with manual, one left $38. All fob. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

FOR SALE: COLLINS S-Line, 75S3, 32S3, 312B4 and power supply (Wing) all in excellent working condition $1,100. Another 75S3 (Wing) also in good condition $400. with 312B3 speaker. Must sell. Will take best offer. Wayne and Abe Schonfeld WA4YDJ/WB4CLA 14420 SW 83 Ct., Miami, FL 33158 305 945-0261 before 6p.m. or 232-2461 after 7 p.m.

EXPIREMENTERS - A T V de-scramblers for both vidio and audio as used in Pay TV Systems. Complete kit of parts with circuit board or wired and tested units. Two GHz downconverters available soon. Write or call Micro Pipes, Inc., 1731 N.E. 15th St., Ft. Lauderdale, FL 33304 305 564-4191.

TRANSFORMERS REWOUND ! ! Jess Price, W4CLJ, 507 Raehn St., Orlando, FL 32806 Phone 305 425-7281.

COAXIAL CABLE by the foot. RG8U foam, 80% shield .18, RG8U Mil specs, polyethelyne 95% shield .24, RG213 noncontaminating, 95% shield .29, RG11 foam 75 ohm, hundred foot lengths $23.00. Rotor cable 2 - 18 ga. 6-22 ga. .18/ft. Shipping $3. first 100 foot. $1. each addl 100 ft. CONNECTORS PL-259 10/5.29, SO-239 10/5.29 UG-175 or UG-176 adapters 10/1.69. T-connectors 2.25, elbow $1.50. Shipping .50/pkg. cod add $1.80. Fla. add 4%. Shipment within 2 working days for money order/mastercharge. FREE Catalog. NEMAL ELECTRONICS, 5685 SW 80 St., Miami, FL 33143 305 661-5534 mail order only.

CW BUFFS' Upgrade code-speed copying commercial ships, marine - telegraph land stations plus Coast Guard and Navy CW traffic. Selling cheap shipboard receivers such as Navy type Scott Labs RCH, etc. Also modern all solid-state Yaesu FRG-7 general coverage 400 kHz to 3oMhz, best offer $250. Frank Shannon K4GT, 140 Bos - phorus Ave., Tampa, FL 33606.

FOR SALE: VHF COMCO mobile transceivers 1 & 2 channel, tube type. Good condition. Covertable to 144 MHz or 220 MHz. $10. each. Conrac monitor chasis, some small for 12 inch CRT, others large for 25 inch CRT, $5. each. 1000 volt power supply, good for that transmitter $20. Grab box of transformers $5. each. All for Eastern Air Lines Amateur Radio Club. Call Bud Miller, KA4AIK 902 Nightingale, Miami Springs, FL 33166 305 887-7655.

COMPUTER power supplies. Fully regulated, 20 volts pos. at 2.5 Amp (can be adjusted to 13 V) 20 V. Neg at 125 ma. and 5 VDC pos. at 6 amps, with muffin fans. A steal at $18. each. Computer printed circuit boards with many 7400 series ICs and many many other parts witch gold connectors .50 cents each. Bud Miller KA4-AIK, 902 Nightingale, Miami Springs, FL 33166 305 887-7655.

FOR SALE: TEN-TEC 544 digital 252MG/AC with N.B. $685.00. Drake DC-4, DC-3. Heath HP-13A, SBE-SB2, SWAN DC module, make offer. Charlie Fowkes WB4BOM, 1613 - 30th St. W., Bradenton, FL 33505 813 792-4049.

FOR SALE: Heath Hybrid phone patch mod. HD-15, very clean with manual $22. Heath QRP HW-8 with HWA7-! power supply, professionaly wired, 80-40-20-15 meters. Get in the QRP-FUN. $110.00 Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

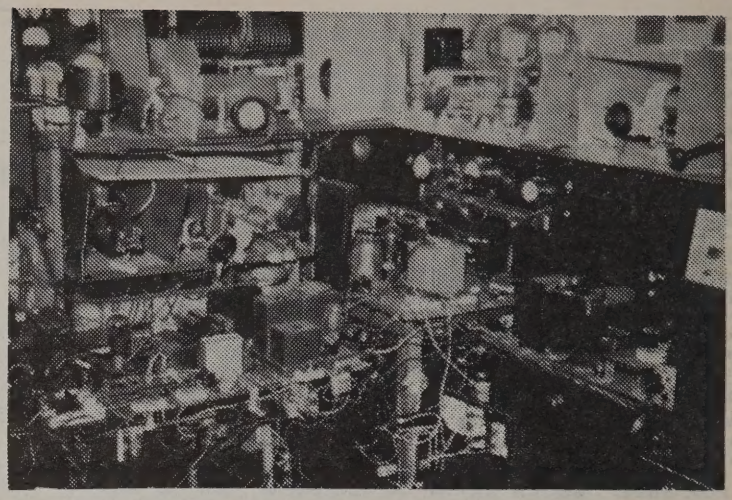
FOR SALE: Complete ham station, including Aluma Tower, rotor and KLM KT-34. In interested please get in touch with WB4WYG Bill, Rockledge, FL 32955. Mrs. J. Davis, 955 Sarazen Dr., Rockledge, FL 32955.

WANTED: HALLICRAFTERS HA-20 VFO for SR-500A or SR-2000. Working or repairable condition OK. Need manual also. Need PS500 DC power supply for same. Denny Wise KA4FGG, 4160 NE 17 Ave. Pompano Beach, FL 33064 305 782-0537 after 7 p.m. please.

N O T I C E.... When sending in HAMBARS, always give YOUR CALL SIGN. We have had reports of non-amateurs selling stolden amateur equipment via this column. Also give full mailing address ZIP and phone numbers.....Thanks, Editor.

FOR SALE: 2 meter SQUALO antenna, for mobile or fixed operation $12. DYCOMM 115 Vac in 12.6 VDC at 15 amps out - regulated, in self-contained cabinet. mod. 1416, excellent with instructions $50. Lafayette HA-52 FM communications receiver, 150 to 170 MHz, excellent with manual – could be readjusted to 145 up..$45. Realtone stereo Multiplex AM-FM receiver, good condx with book $25. Juliette AM-FM Clock radio, very clean. works good $12. ICOM-230 , fully synthesized with added .05 xtals, excellent, with AC/DC cords, mike, in orig box $185. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

NOTICE: PLEASE check your mailing label. If your ZIP number is not correct please advise us soon as possible. If number is off by only one, it will delay your SKIP as long as 4 or 5 days, we are told. EDITOR.



In its day, this was one of Florida's finest amateur radio stations. A free subscription (or renewal) to the first person to tell us the call sign of this station. We know, but aint tellin'. (Photo by W4UKA)

FOR SALE: TWO meter VHF Engineering Repeater complete with Data Signal patch and multidigit access. Additional accessories include subaudible input, control boards, manuals, and all interfacing wiring harnesses. Repeater currently in use in Miami by the Maverick Repeater Association. Total package only. Contact Dr. Howard Reiziss WB4DXX, 7221 SW 130 Ave., Miami, FL 33183 305 596-6970.

SELL: 5-band communications receiver, Heathkit SB-300, expertly reconditioned and aligned. Very good appearance, manual $90. Walter Grove KF4U, 521 So. Phelps Ave., Winter Park, FL 32789 305 - 645-4578.

FOR SALE: RF Generators: Hickok 295X, 125KHz - 320MHz in 8 bands. Output adj 0.05uV-0.1V, with operation and service manual, $135. Measurements 78B, 15-22MHz, 190-230MHz, calib. output anttenuator $35. BC-221, 125kHz - 20 MHz with calib. book and maint manual $30. Dave Burger WB4MDY, 10030 SW 102 Ave-Rd., Miami, FL 33176 305 595-4426.

FOR SALE by original owner with all manuals. Station in operation now and you may operate it at my QTH. Heath SB-104A with all filters and N.B. SB-604 speaker with power supply 1144, SB-622 remote VFO. Total package $650. plus shipping. Harry Gray WA4-MCH, 2504 Madrid St., Jacksonville Beach, FL 32250 904 241-0294 evenings and weekends.

FOR SALE: TS-520 $500. IC-211 two meter all mode Xcvr $500. TenTec KR-20 Keyer $30. Drake W-4 wattmeter $35. All equipment in mint condition. Bud Buckheit W8NBU, 55-74 Lake Gardens Dr., Lake Placid, FL 33852 305 465-2204.

FOR SALE: Motorola HT-220 Slim-line handie-talkie 2 frequency 1.5 watts with charger $225. SWAN 250 6 meter Xcvr with 117C power supply $225. Homebrew 6 meter amp. 4C250B finals and 1200 v. power supply $125. 4 element 6 meter beam $20. Desk with 19" rackmount on each side. New top $40. Joe Moker WB4 LTB, 130 NW 78 Ave., Pembroke Pines, FL 33024 305 961-7080.

FOR SALE: YAESU 901DM, near new appearance, perfect operation new or better $985. A. Young K4RA, 561 NW 42 Ave., Coconut Creek, FL 33066 305 972-5600.

FOR SALE: Drake 2C receiver, 2NT transmitter, 2CQ speaker/Q multiplier, $300. Steve Schindler WD4MJJ, 11528A Wagon Rd. Orlando, FL 305 273-0532.

SELL: Heathkit SB-401, SB-303 $399. 10 ft. Rohn 25G $20. 2 Mtr J pole antenna. $20. All excellent condx. Rudy Scheffer WB4YTZ, 2255 Glen Dr., Safety Harbor, FL 33572 813 726-8375.

FOR SALE: SWAN 500 - remote VFO, 117XC supply, speaker, V-OX, 100 KHz calib, No 22 switch, all manuals $395. Galaxy V - remote VFO, power supply, VOX mod. 100 kHz calib, all manuals $295. Asst. ham gear, SW R & power bridges, xtals VOMs, meters, call for needs. Al Gelfon W1AHD, 8241 NW 46 St. Lauderhill, FL 33321 305 742-0481.

SELL: CW memory. 30 seconds storage, $35. Ray Megirian K4-DHC, 606 SE 6 Ave., Deerfield Beach, FL 33441 305 427-1980.

SELL SWAN 350, 117C power supply, speaker, manual, original cartons, little used, mint condition $260. Joe Egan W4JMV, 3550 NE 6th Dr., Boca Raton, FL 33431 305 395-0793.

FOR SALE: MOSLEY RV-4C vertical antenna for 40, 20, 15 & 10 $25. Leo Romaine, W1ERR/4, Route 2 Box 214B, Dunnellon, FL 32630 904 489-4058.

FOR SALE: Hammerlund HQ-180 receiver with manual. Excellent condition $200. John McIntire WA4LVW, 3225 San Mateo St., Clearwater, FL 33519 813 726-3448.